SITE CHARACTERIZATION REPORT

ORIENT FIRE DISTRICT
23300 MAIN ROAD
ORIENT, NEW YORK 11957
NYSDEC SITE: 152273

H2M Project No. ORFD2301

November 26, 2025

Submitted To:
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CERTIFICATION

I, Kevin M. Taylor, certify that I am currently a registered professional engineer as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Site Characterization Report (SCR) was prepared in accordance with applicable statutes and regulations and in substantial conformance with the New York State Department of Environmental Conservation's (NYSDEC's) Division of Environmental Remediation's (DER's) Technical Guidance for Site Investigation and Remediation (DER-10).

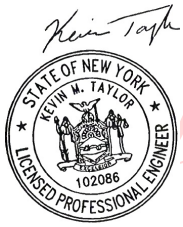
I certify that the information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

Kevin M. Taylor
Name

102086
PE License Number


Signature

11/26/2025
Date



Digitally signed by Kevin M. Taylor
Date: 2026.01.29 16:22:36 -05'00'

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

1.0 INTRODUCTION

H2M architects + engineers (H2M) has prepared the following Site Characterization Report (SCR) to summarize the subsurface investigation of potential per- and polyfluoroalkyl substance (PFAS) areas of concern that were identified by the Suffolk County Department of Health Services (SCDHS) in a PFAS groundwater study dated August 2, 2023 conducted proximate to the property known as the Orient Fire District fire department (Site) located at 23300 Main Road (a.k.a., New York State [NYS] Route 25), Orient, New York. The purpose of the investigation was to determine if contamination is present at levels that pose a threat to public health and/or the environment and require further investigation. A Site Location Map is included as **Figure 1** and a Sampling Locations Figure is included as **Figure 2**.

1.1 Project Background

The Site has been assigned a tracking number of 152273 by New York State Department of Environmental Conservation (NYSDEC). This investigation was a requirement of an Order on Consent and Administrative Settlement (Index No. CO 1-20240328-55) entered between the Orient Fire District and the NYSDEC to address hazardous substances suspected present at the Site. The primary contaminants of concern are a class of chemicals referred to as PFAS, primarily perfluoro-octane sulfonate (PFOS) and perfluoro-octanoic acid (PFOA). This SCR documents the investigative activities that were completed at the Site targeting potential PFAS contamination.

2.0 SITE DESCRIPTION AND HISTORY

This section describes the Site history, physical characteristics, and previous environmental investigations performed at the Site.

2.1 Site Description

The Site is located at 23300 Main Road in Orient, NY and is identified on the Suffolk County Tax Map as:

- 1000 – 018.00 – 05.00 – 013.008

The Site is approximately 4.357 acres. Improvements to the Site include a main firehouse building, firehouse annex building, Quonset-style garage/storage building, wireless communications facility, concrete and asphalt-paving, and landscaped/lawn areas.

The topography of the Site and surrounding area was reviewed using the United States Geological Survey (USGS) 7.5-minute series topographic map for the Orient, New York quadrangle and indicates the property's elevation is approximately 17 feet above mean sea level (AMSL). Four permanent groundwater monitoring wells were installed during the investigation and surveyed by H2M. According to these data, the grades at monitoring wells MW001 through MW004 range between 15.12 feet and 15.79 feet above the North American Vertical Datum of 1988 (NAVD 88).

2.2 Site History

Aerial photographs beginning in 1938 indicate that the Site was historically utilized as farmland. No structures, or commercial or residential uses were observed through 1986 on the historic aerial photographs.

According to the Suffolk County Clerk's records, Orient Fire District acquired the Site from Dwight and Barbara Schriever in 1985; Deed Liber 9919, Page 570, recorded 11/21/1985. This information is consistent with the Town of Southold's Tax Assessment information that indicates the parcel was "split" (a.k.a., subdivided) from a larger parcel owned by the Schrievers.

According to the Town's Tax Assessor, on August 3, 1989, Building Permit No. 18340 was issued to construct a firehouse. This information was confirmed by the Town of Southold's Building Department where Certificate of Occupancy No. Z19608 was issued for the completed structure on December 21, 1990.

The main firehouse and the firehouse annex building are visible on the 1994 aerial photograph for the Site. Google Earth imagery shows that the wireless communications facility (i.e., monopole and equipment cabinets) has been constructed and installed by 2007, which is confirmed by 2006 information maintained by the Town Assessor. By 2011, the Quonset-style storage/garage building is also visible on the historic aerial photographs.

Based upon the above, the site was historically farmed land and first developed between 1986 and 1989 for its current use as a firehouse. The Site was later improved with a firehouse annex building, wireless communications facility and Quonset-style garage/storage building circa 1994, 2006 and 2011, respectively.

2.3 Current and Future Site Use

The Site is currently developed for use as a firehouse. There are no plans to change the current Site use. The Site is currently zoned R-80 for residential development.

2.4 Previous Environmental Investigations

This section summarizes the initial investigative activities performed on and off-site.

2.4.1 NYSDEC Investigation

No formal NYSDEC Investigation has been conducted with respect to the Site at this point in time. The NYSDEC has indicated that a groundwater study conducted by the Suffolk County Department of Health Services (SCDHS) has prompted a preliminary ("P") classification for the Site (Site Code 152273).

A Freedom of Information Law (FOIL) application was submitted to the NYSDEC on January 15, 2024 requesting records as follows: "*Site Code 152273; H2M is the Environmental Consultant for the Orient Point*

Fire District located at 23300 Main Road, Orient, NY and is seeking to review the NYSDEC file in preparation for the Site Characterization Work Plan."

On February 5, 2024, the NYSDEC Project Manager responded that… *"there is very little publicly available documentation on this site, since we are still in the first steps of establishing an investigation plan.*

The site in question is located at 23300 Main Road, Orient, 11957. This location was made a 'P' (Potential) Site in relation to Spill # 2104060. This spill detected PFAS contamination in drinking water throughout the residential area. As the fire department is located in the upgradient area, it is the suspected source through the use of Aqueous Film Forming Foam (AFFF) for fire fighting activities."

An electronic copy of the spill report (i.e., Spill No. 2104060) was downloaded and reviewed by H2M. According to the NYSDEC's database, Spill No. 2104060 was reported on July 22, 2021.

2.4.2 Records Search Report

No formal reports have been located for this Site. However, H2M submitted a FOIL request for records to the SCDHS on January 15, 2024. The SCDHS responded on March 12, 2024 by providing groundwater sampling data summaries and figures of a PFAS groundwater sampling study in the vicinity of the Site in 2023. A total of 12 temporary groundwater well locations were installed in the inferred groundwater flow direction of the Site: one upgradient to the northeast, one crossgradient adjacent to the northwest, two downgradient adjacent to the southwest, and potentially eight downgradient further to the southwest. The temporary wells were advanced with five-foot long well screens via Geoprobe® and between five and six sample collection depths for PFAS were taken at each of the 12 sample locations. Based upon these data, elevated PFAS compounds in groundwater have been identified. This information was shared by the SCDHS with the NYSDEC.

No additional documentation was provided by the SCDHS in response to H2M's January 15, 2024 FOIL application. However, H2M notes that permanent groundwater monitoring wells were observed at the western Site boundary along Tabor Road during H2M's subsurface investigation and are assumed to have been installed by the SCDHS.

Additional FOIL requests and property record history research was conducted by H2M in preparation of H2M's SCWP. Requests and reviews of documentation were conducted at the Suffolk County Clerk's database, and the Town of Southold's Building Department and Tax Assessor's office.

The Site is improved with an onsite groundwater well providing water to the main firehouse building and firehouse annex building. The onsite groundwater well is located at the southwest exterior of the main firehouse building. The Orient Fire District contracts with Goldman Water Testing (GWT) to collect drinking water samples on a quarterly basis. The two most recent laboratory reports prepared by Long Island Analytical Laboratories, Inc. dated April 11, 2025 and April July 15, 2025 are provided as **Appendix I**.

According to both laboratory reports, the drinking water provided to the onsite buildings is not contaminated with e. coli or total coliform bacteria and total residual chlorine is non-detectable.

The Orient Fire District has also provided a copy of the SCDHS' analysis of private drinking water issued on February 17, 2023 (see **Appendix I**). According to the SCDHS, at the time of the sampling (i.e., October 17, 2022) *"…all parameters tested were within the Maximum Contaminant Levels (MCLs) or drinking water standards established by the New York State Department of Health."* It should be noted that the concentrations of PFOA and PFOS were identified at 4.2 and 2.2 nanograms per liter (ng/L; a.k.a., parts per trillion) respectively by the SCDHS' subcontracted laboratory for PFAS analysis (i.e., Pace Analytical). The remaining analyses (i.e., standard inorganics, volatile organics, semi-volatile organics, metals, herbicide metabolics, chlorinated pesticides, dacthal pesticides, aldicarb pesticides, and dioxane) were analyzed by the SCDHS.

2.4.3 Site Walkthrough

On January 31, 2024, H2M representatives Stephen I. Kaplan, P.G. and Kevin M. Taylor, P.E., P.G., were accompanied by an Orient Fire District Board member and provided access to the Site. The facility was well maintained and there was no evidence of spills or releases. The buildings are heated via natural gas-fired systems and there were no indications of petroleum storage tanks (underground or aboveground) installed at the Site. Furthermore, no AFFF materials were reported by the District to be maintained onsite and no evidence of AFFF materials was observed by H2M during the site walkthrough.

The Site is improved with a main firehouse building, firehouse annex building, Quonset-style garage/storage building, wireless communications facility, concrete and asphalt-paving, and landscaped/lawn areas. The District representative identified the area of the Site where typical fire training activities historically occurred on the property. These activities may have included discharges from fire trucks. The area is located in an unpaved portion of the Site adjacent to the south of the asphalt pavement south of the main firehouse building and east of the telecommunications equipment shelter.

No publicly supplied water is available in the hamlet of Orient. The Site is improved with a groundwater well located at the southwest section of the parcel that provides water to the main firehouse and firehouse annex buildings, and is utilized to fill water storage tanks on fire trucks.

The main firehouse and firehouse annex buildings are each equipped with on-site sanitary systems (i.e., cesspools) located at the northern exteriors of both structures. In addition, stormwater drywells are located on the parcel to facilitate drainage from impervious surfaces (i.e., pavement and roof drains). The locations of these sanitary and stormwater drainage structures were identified through a combination of the site walkthrough and through Building Department records. H2M's January 2025 subsurface investigation

confirmed the locations of these drainage structures and collected bottom sediment/sludge samples from each accessible structure.

Additional records research conducted by H2M prior to preparation of the SCWP included obtaining and reviewing the following standard environmental resources from EDR®:

- EDR Radius Map™ Report with GeoCheck®
- EDR Historical Topo Map Report with QuadMatch™
- EDR Aerial Photo Decade Package
- EDR-City Directory Image Report
- Certified Sanborn® Map Report

Based upon H2M's records reviews, NYSDEC meetings and site walkthrough, sampling locations were selected to characterize the Site and were included in the NYSDEC-approved SCWP. The sample locations, depths and media were collected in accordance with the SCWP and are further explained in the following sections

3.0 STANDARDS, CRITERIA, AND GUIDANCE (SCGS)

The primary chemicals of potential concern (COPC) encountered at the Site are PFAS and are related to the historical use of firefighting foam. In addition, other COPCs present from the historical use and storage of petroleum liquids, use of on-site sanitary and storm water systems, or the presence of upgradient off-site sources of VOCs or PFAS in groundwater were factored into the SCWP and included in the subsurface investigation.

The SCGs considered during this Site Characterization included:

- NYSDEC, Division of Environmental Restoration, 6 NYCRR Part 375 Environmental Remediation Programs, Subparts 1, 2 and 6, December 2006
- NYSDEC, Division of Environmental Remediation, DER-10, Technical Guidance for Site Investigation and Remediation, May 2012
- NYSDEC, Class GA Ambient Water Quality Standards (AWQS) as specified in the Technical Operation; Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values, June 1998
- NYSDEC, Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs, April 2023

The April 2023 NYSDEC PFAS guidance includes the following guidance values for soil:

Soil Guidance Values forAnticipated Site Use	PFOA (µg/kg)[1]	PFOS (µg/kg)
Unrestricted	0.66	0.88
Residential	6.6	8.8
Restricted Residential	33	44
Commercial	500	440
Industrial	600	440
Protection of Groundwater[2]	0.8	1.0

On March 15, 2023, the NYSDEC released Final Ambient Water Quality Guidance Values for PFOA, PFOS, and 1,4-Dioxane, and followed with the April 2023 NYSDEC PFAS guidance which includes the following values:

NYSDEC Guidance Values	PFOA (ng/L)[3]	PFOS (ng/L)
Groundwater Human Health Criteria	6.7	2.7
Freshwater Aquatic Life (chronic)	NA	160,000
Freshwater Aquatic Life (acute)	NA	710,000
Saltwater Aquatic Life (chronic)	NA	41,000
Saltwater Aquatic Life (acute)	NA	190,000

[1] µg/kg: micrograms per kilogram (a.k.a.; parts per billion [ppb]).
[2] The Protection of Groundwater values are based on the above referenced ambient groundwater guidance values. Details on that calculation are available in the following document, prepared for the February 2022 proposed changes to Part 375 (https://www.dec.ny.gov/docs/remediation_hudson_pdf/part375techsupport.pdf). The movement of PFAS in the environment is being aggressively researched at this time; that research will eventually result in more accurate models for the behaviors of these chemicals. In the meantime, NYSDEC has calculated the guidance value for the protection of groundwater using the same procedure used for all other chemicals, as described in Section 7.7 of the Technical Support Document (http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf).
[3] ng/L: nanograms per liter (a.k.a.; parts per trillion [ppt]).

4.0 SITE CHARACTERIZATION

The primary objectives of the work detailed in this SCR were to identify potential source areas of impact in on-site soil and groundwater at the Site associated with potential historical use of AFFF. The Scope of Work included the following tasks:

- Geophysical investigation – focused on the areas of concern identified in the records search
- Characterization of on-site PFAS soil impacts
- Characterization of on-site PFAS groundwater impacts
- Collection of Site specific hydrogeologic data
- Qualitative human health exposure evaluation
- Fish and Wildlife Resource Impact Analysis (Part 1)
- QA/QC and Data Validation

4.1 Geophysical Investigation

To determine if subsurface anomalies were present at the Site and identify Site utilities at proposed drilling locations, a geophysical investigation was performed. The geophysical survey included onsite buildings, onsite sanitary systems, stormwater drywells, and proposed boring locations. The geophysical survey was completed in the areas proximate to each boring location identified on **Figure 2**.

4.1.1 Electromagnetic Survey

The electromagnetic (EM) method uses the principle of electromagnetic induction to measure the variability of electrical conductivity of subsurface materials and the presence of buried metal objects. Significant contrasts in the electrical properties between non-indigenous materials and surrounding soil enable accurate delineation of buried waste materials, fill, and air spaces. The large EM response to metal makes this technique particularly well suited to identifying buried metal objects such as underground storage tanks (USTs), metallic wastes, buried drums, pipelines, reinforced building foundations, or other metal components of buried structures.

The EM-31 (or equivalent) is an electromagnetic surveying instrument where the direct readout of the instrument is the bulk electrical conductivity of an equivalent homogeneous earth at that position referred to as “terrain conductivity.” Terrain conductivity is commonly used to detect lateral variations in electrical conductivity along a traverse or over a broad region. These variations can be due to disturbed filled-in areas such as buried trenches, or buried metallic objects such as drums, tanks, or utility lines.

A survey of the area was also performed using a hand-held split-box metal detector (Fisher Model TW- 6, or equivalent). The TW-6 is a split-box electromagnetic metal detector that is very sensitive to near surface ferrous metal objects and is very useful in detecting the surface expression of subsurface ferrous objects. This instrument is commonly used to identify buried storage tanks and other metallic objects. Anomalies detected during the EM survey were marked on the ground and further investigated using ground-penetrating radar (GPR).

4.1.2 Ground Penetrating Radar Survey Methodology

The GPR survey was performed in areas of anomalies detected by the EM survey and at structures observed at grade that may have below grade components. The GPR method is based upon the transmission of repetitive, radio-frequency electromagnetic (EM) pulses into the subsurface. When the transmitted energy of down-going wave contacts an interface of dissimilar electrical character, part of the energy is returned to the surface in the form of a reflected signal. This reflected signal is detected by a receiving transducer and is displayed on the screen of the GPR unit as well as being recorded on the internal hard-drive.

The received GPR response remains constant as long as the electrical contrast between media is present and constant. Lateral or vertical changes in the electrical properties of the subsurface result in equivalent changes in the GPR responses. The system records a continuous image of the subsurface by plotting two-way travel time of the reflected EM pulse versus distance traveled along the ground surface. Two-way travel time values are then converted to depth using known soil velocity functions. Each radar profile was examined for characteristic GPR signatures that may indicate the presence of buried targets.

4.1.3 Ground Penetrating Radar Survey Findings

Following the geophysical survey, concrete manhole covers related to two subgrade onsite sanitary structures (i.e., UIC011 and UIC012)[4] were exposed by H2M's subcontractor Lakewood Environmental Services, Corp. (hereinafter "Lakewood"). The geophysical survey results pertinent to the site characterization are further described below:

- No evidence of existing or previous USTs were identified.
- Subsurface utilities related to electric, fiber/telecommunications, and natural gas were identified and marked in order to clear areas for sampling.

[4] The acronym "UIC" was denoted on the stormwater and sanitary samples because of the United State Environmental Protection Agency's (USEPA's) Underground Injection Control (UIC) Program which outlines protocols for bottom sediment sampling of drainage structures.

- Two onsite sanitary systems were confirmed present; Sanitary System #1 is located at the north side of the main firehouse building, and Sanitary System #2 is located at the north side of the annex firehouse building.
    - Sanitary System #1:
        - Four at-grade sanitary structures denoted by H2M as UIC008, UIC009, UIC010 and UIC013.
        - UIC013 was inaccessible during site characterization and is a potential septic tank.
    - Sanitary System #2:
        - Two subgrade sanitary structures denoted by H2M as UIC011 and UIC012
        - UIC012 is a solid-bottomed septic tank.
        - UIC011 is an open bottomed cesspool.
- One floor drain present; denoted by H2M as UIC015.
    - Located within annex building
    - Solid-bottomed and hard-piped
    - Discharges to stormwater structure UIC007 at western building exterior.
- Eight at-grade stormwater abatement structures confirmed.
    - Open bottom stormwater drywells denoted by H2M as UIC001 through UIC007, and UIC014.

Following the geophysical survey, accessible leaching structures containing bottom sediments were sampled, and soil borings and groundwater monitoring wells were installed. No USTs or other anomalies indicative of an environmental condition or threat warranting additional investigation were identified as part of the geophysical survey.

All sample locations are depicted in **Figure 2** and a summary of H2M's observations of the sanitary and stormwater structures are provided as **Table 1**.

4.2 Characterization of Potential Areas of Concern

The Previous Environmental Investigations section of this SCR has identified one potential area of concern (AOC), the unpaved area located adjacent to the south of the asphalt pavement south of the main firehouse building and east of the telecommunications equipment shelter. This AOC (i.e., AOC1) was investigated

through collection of soil and groundwater samples. Sampling focused on potential areas of concern in addition to collecting an adequate number of samples to perform a sufficient characterization of the entire Site. Areas with historical site uses that were unlikely to have contributed to soil or groundwater impacts (administrative use) had a lower sampling frequency than those areas that have a use with a higher potential (fire training, sanitary and stormwater systems) to have resulted in soil or groundwater impacts at the Site.

Sampling was performed in accordance with the Division of Environmental Remediation (DER) DER-10 Technical Guidance for Site Investigation and Remediation, April 9, 2019, and the NYSDEC Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs, April 2023.

4.3 Soil Sampling

To characterize subsurface conditions, soil borings were installed throughout the Site. Soil boring locations are shown on **Figure 4**.

Surface soil samples were collected from zero to two inches bgs (beneath the vegetative cover or impervious surface [if applicable]). Surface soil samples were primarily collected with a Geoprobe® acetate macro-core sampling liner; however, hand augers and shovels were also implemented.

Shallow sub-surface soil samples were collected from two inches to two feet bgs. Shallow sub-subsurface soil samples were collected with a Geoprobe® acetate macro-core sampling liner; however, hand augers and shovels were also implemented.

Deep soil borings were installed utilizing a Geoprobe® direct-push drill rig outfitted with a macro-core sampler and dedicated acetate liners. Soils were collected continuously from ground surface to 15 feet bgs or the top of the water table, whichever was shallower. Soil samples were to be biased towards areas of suspected contamination; however, no contamination was observed. As contamination was not observed, samples were collected from six to eight feet bgs. The samples collected for analysis were based on field observations and professional judgement. Soil samples were not collected from below the water table.

All soil samples were field screened for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID). Soil samples were classified using the Unified Soil Classification System. Boring logs were prepared for each boring location.

Soil samples were analyzed for PFAS using United States Environmental Protection Agency (USEPA) Method 1633. As per NYSDEC DER-10 criteria and NYSDEC's direction, a full site characterization was required at the Site in addition to PFAS sampling. Thus, each soil sample was also analyzed for the compounds and analytes listed below:

- TCL Target Compound List (TCL) VOCs + 10 Tentatively Identified Compounds (TICs)
    - USEPA Method 8260D

- Semi-Volatile Organic Compounds (SVOCs) + 20 TICs
    - USEPA Method 8270D
- Target Analyte List (TAL) Metals + Hexavalent Chromium (Cr6)
    - USEPA Methods 6010D, 7473 and 7196A
- Polychlorinated biphenyls (PCBs)
    - USEPA Method 8082A
- TCL Pesticides
    - USEPA Method 8081B
- TCL Herbicides
    - USEPA Method 8151A
- Cyanide (Cn)
    - USEPA Method 9014/9010C

Furthermore, emerging contaminant 1,4-dioxane was also submitted for analysis using low-level detection USEPA Method 8270D selected ion monitoring (SIM).

Additional soil borings and soil samples or relocation of proposed soil borings were not necessary based on field observations and the results of the geophysical survey. Soil boring logs are provided as **Appendix B**.

4.3.1 Soil Analytical Results

Soil data for the Site inclusive of AOC 1 were compared to the NYSDEC's Part 375 Soil Cleanup Objectives (SCOs) and are summarized as **Tables 2 through 5**, and laboratory data reports are included in **Appendix G**. The NYSDEC's SCOs are defined in this SCR as follows:

- Unrestricted Use SCO (USCO)
- Residential Use SCO (RSCO)
- Restricted Residential Use SCO (RRSCO)
- Commercial Use SCO (CSCO)
- Industrial Use SCO (ISCO)
- Protection of Groundwater SCO (PGW SCO)

For comparison purposes in this SCR, H2M shall summarize exceedances of USCOs, RSCOs, CSCOs and PGW SCOs. These data comparisons are most relevant to the Site with respect to its location, site usage and absence of public drinking water in vicinity.

No exceedances of NYSDEC SCOs were reported in the seven soil boring locations (i.e., SB001 through SB007) for analyzed lists of SVOCs, herbicides or PCBs. Soil data reported at concentrations above any of the above-referenced NYSDEC SCOs are depicted on **Figures 7 through 11**.

Figure 7 shows the following exceedances of heavy metals in the surface (zero to two inches bgs) soil samples only:

- SB003 (0-2in):
    - Arsenic exceeding USCO, RSCO, CSCO and PGW SCO = 22.70 mg/kg and 27.1 (SB00X [duplicate])
    - Copper exceeding USCO = 62.4 mg/kg
    - Mercury exceeding USCO = 0.192 mg/kg
- SB004 (0-2in):
    - Hexavalent Chromium exceeding USCO = 1.89 mg/kg
- SB005 (0-2in):
    - Arsenic exceeding USCO, RSCO, CSCO and PGW SCO = 19.1 mg/kg
- SB006 (0-2in):
    - Arsenic exceeding USCO, RSCO, CSCO and PGW SCO = 64.8 mg/kg
    - Copper exceeding USCO = 102mg/kg
    - Lead exceeding USCO = 89.4 mg/kg
    - Mercury exceeding USCO = 0.583 mg/kg

Figure 8 shows the following exceedances of pesticides in the surface (zero to two inches bgs) soil samples only:

- SB005 (0-2in):
    - 4,4’DDE exceeding USCO = 0.00471 mg/kg
- SB006 (0-2in):
    - 4,4’DDE exceeding USCO = 0.03860 mg/kg

- 4,4'DDT exceeding USCO = 0.0452 mg/kg

Figure 9 shows the following exceedances of VOCs in the surface (zero to two inches bgs) soil samples only:

- SB005 (0-2in):
  - Acetone exceeding USCO and PGW SCO = 0.11 mg/kg

Figures 10 and 11 show the following exceedances of PFAS in the surface (zero to two inches bgs) and shallow subsurface (two inches to two feet bgs) soil samples only:

- **SB001**
  - SB001 (0-2in):
    - PFOS exceeding USCO, RSCO, and PGW SCO = 21.3 µg/kg
  - SB001 (2-24in):
    - PFOS exceeding USCO and PGW SCO = 3.01 µg/kg
- **SB002**
  - SB002 (0-2in):
    - PFOS exceeding USCO and PGW SCO = 6.48 µg/kg
  - SB002 (2-24in):
    - PFOS exceeding USCO and PGW SCO = 2.33 µg/kg
- **SB003**
  - SB003 (0-2in):
    - PFOS exceeding USCO and PGW SCO = 8.18 µg/kg and 6.64 µg/kg (SB00X [duplicate])
  - SB003 (2-24in):
    - PFOS exceeding USCO and PGW SCO = 1.96 µg/kg
- **SB004**
  - SB004 (0-2in):
    - PFOS exceeding USCO, RSCO, and PGW SCO = 9.93 µg/kg
    - PFOA exceeding USCO and PGW SCO = 1.94 µg/kg

- **SB005**
    - SB005 (0-2in):
        - PFOS exceeding USCO and PGW SCO = 3.98 µg/kg
    - SB005 (2-24in):
        - PFOS exceeding USCO and PGW SCO = 1.42 µg/kg
- **SB006**
    - SB006 (0-2in):
        - PFOS exceeding USCO and PGW SCO = 4.26 µg/kg
    - SB006 (2-24in):
        - PFOS exceeding USCO and PGW SCO = 1.10 µg/kg

4.4 On-Site Sanitary and Stormwater Sampling

As described earlier, a geophysical survey was conducted to determine the configurations of the on-site sanitary and stormwater leaching structures (i.e., septic tanks, distribution pools, cesspools and drywells). Based upon the site walkthrough and a plumbing site plan on file with the Town of Southold Building Department, two sanitary systems and approximately 12 stormwater drywells and one in situ floor drain were considered likely present at the Site. Based upon aforementioned site plan and H2M's observations during the geophysical survey, the following on-site sanitary and stormwater leaching structures were confirmed:

- One sanitary system associated with the annex firehouse building is located beneath a lawn area and not at grade surface (i.e., Sanitary System #2). This subgrade sanitary system is comprised of a septic tank and primary cesspool (UIC012 and UIC011, respectively) that were uncovered, accessed and sampled during the site characterization field activities.
- The annex firehouse was initially suspected to contain an in situ floor drain. However, the geophysical survey confirmed this floor drain to be present (UIC015), but hard-bottomed, hard-piped and discharging to a stormwater drywell located at the western building exterior (UIC007). Thus, no bottom sediment sample was required from interior floor drain UIC015.
- The main firehouse is improved with an onsite sanitary system at the north exterior of the building (i.e., Sanitary System #1). The onsite sanitary system is comprised of four structures (i.e., UIC008, UIC009, UIC010 and UIC013). H2M accessed and sampled bottom sediments from three of these

structures (i.e., UIC008, UIC009 and UIC010). Due to landscaping improvements related to a retaining wall/planting bed, sanitary structure UIC013 could not be accessed during the site characterization for bottom sediment sampling.

- Seven additional at-grade stormwater drywells were confirmed present during the geophysical survey and site characterization activities (i.e., UIC001 through UIC006 and UIC014). Each of these stormwater drywells were accessed by H2M and bottom sediment samples were collected and submitted for laboratory analyses.

The confirmed locations of the aforementioned UIC Program structures are depicted on **Figure 5**.

Sediments in the accessible structures were sampled using stainless steel hand augers. Sediment samples were analyzed for PFAS using USEPA Method 1633. As per NYSDEC DER-10 criteria and NYSDEC's direction, a full site characterization was required at the Site in addition to PFAS sampling. Thus, each sediment sample was also analyzed for the compounds and analytes listed below:

- TCL VOCs + 10 TICs (USEPA Method 8260D)
- TCL SVOCs + 20 TICs (USEPA Method 8270D)
- TAL Metals + Cr6 (USEPA Methods 6010D, 7473 and 7196A)
- PCBs (USEPA Method 8082A)
- TCL Pesticides (USEPA Method 8081B)
- TCL Herbicides (USEPA Method 8151A)
- Cn (USEPA Method 9014/9010C)

Furthermore, emerging contaminant 1,4-dioxane was also submitted for analysis using low-level detection USEPA Method 8270D SIM.

4.3.1 Sanitary and Stormwater Leaching Structures Sediment Analytical Results

Sanitary and stormwater sediment data for the Site were compared to the NYSDEC's Part 375 Soil Cleanup Objectives (SCOs) and are summarized as **Tables 6 through 8**, and laboratory data reports are included in **Appendix G**. The NYSDEC's SCOs are again defined in this SCR as: USCO, RSCO, RRSCO, CSCO, ISCO, and PGW SCO. For comparison purposes in this SCR, H2M has summarized exceedances of USCOs, RSCOs, CSCOs and PGW SCOs. As previously noted, these data comparisons are most relevant to the Site with respect to its location, site usage and absence of public drinking water in the vicinity.

No exceedances of NYSDEC SCOs were reported in Sanitary System #'s 1 or 2 in the five structures that were sampled for analyzed lists of VOCs, SVOCs, metals, pesticides, PCBs, or herbicides.

No exceedances of NYSDEC SCOs were reported in the eight stormwater drywell structures that were sampled for analyzed lists of VOCs, SVOCs, pesticides, PCBs, or herbicides. However, heavy metals exceedances were identified.

Figure 12 shows the following exceedances of heavy metals in the bottom sediments collected from stormwater drywells:

- UIC002:
    - Copper exceeding USCO = 115 mg/kg
    - Lead exceeding USCO = 83.7 mg/kg
    - Selenium exceeding USCO = 4.82 mg/kg
    - Zinc exceeding USCO = 596 mg/kg
    - Mercury exceeding USCO = 0.346 mg/kg
    - Hexavalent Chromium exceeding USCO = 1.16 mg/kg
- UIC004:
    - Copper exceeding USCO = 68.3 mg/kg and 58.1 mg/kg (UIC00X [duplicate])
    - Lead exceeding USCO = 84.7 mg/kg (UIC00X [duplicate])
    - Zinc exceeding USCO = 746 mg/kg and 434 mg/kg (UIC00X [duplicate])
    - Mercury exceeding USCO = 0.207 mg/kg
- UIC005:
    - Copper exceeding USCO = 135 mg/kg
    - Zinc exceeding USCO = 267 mg/kg
- UIC006:
    - Mercury exceeding USCO = 0.193 mg/kg
- UIC007:
    - Zinc exceeding USCO = 140 mg/kg

Figure 13 shows the following exceedances of PFAS in one onsite sanitary cesspool (UIC010) and four stormwater drywells sediment samples (UIC002 through UIC005):

- **Sanitary Cesspool**
    - UIC010:
        - PFOS exceeding USCO and PGW SCO = 1.33 µg/kg
- **Stormwater Drywell**
    - UIC002:
        - PFOS exceeding USCO and PGW SCO = 2.11 µg/kg
    - UIC003:
        - PFOS exceeding USCO, RSCO, and PGW SCO = 14.50 µg/kg
    - UIC004:
        - PFOS exceeding USCO, RSCO, and PGW SCO = 21.70 µg/kg and 17.80 µg/kg (UIC00X [duplicate])
    - UIC005:
        - PFOS exceeding USOC and PGW SCO = 2.4 µg/kg

4.5 Temporary Vertical Profile Well Installation

Based upon the anticipated shallow depth to groundwater at the Site through analysis of the prior SCDHS groundwater investigation, no temporary vertical profile groundwater well installations were proposed or conducted. Instead, permanent groundwater monitoring wells were installed at the Site (see next Section).

4.6 Groundwater Monitoring Well Installation

To characterize groundwater quality beneath the Site, provide hydrogeologic data (i.e. groundwater flow direction), and provide locations for continued groundwater monitoring, permanent groundwater monitoring wells were installed. Four shallow monitoring wells (water table wells) were installed. Permanent groundwater monitoring well locations are identified in **Figure 3**.

A Geoprobe® direct push drill rig outfitted for rotary drilling was used to install the wells with hollow-stem augers using standard drilling methods. The wells were constructed of two-inch diameter, schedule 40 PVC casing and screen with 0.010-inch slot.

4.6.1 Shallow Well Installation

Shallow groundwater wells were constructed with a 10-foot screen section and riser to grade. The well annulus was filled with #2 morie sand, to two feet above the well screen. The shallow well screens were set seven feet into and three feet above the water table at the time of installation. A two-foot fine sand layer

was installed above the screen followed by a two-foot bentonite seal. Above the bentonite layer, the annulus around the well was filled with a cement/bentonite grout. A concrete surface pad (two-feet by two-feet by six-inches) was installed. The wells were finished with lockable test plugs and flush mount curb boxes. Monitoring well construction diagrams were developed for each of the monitoring wells and are provided in **Appendix C.**

4.6.2 Monitoring Well Development and Sampling

No less than 48 hours after installation, newly installed monitoring wells were developed by overpumping to restore the hydraulic properties of the aquifer. Well development continued until the turbidity of the groundwater was less than or equal to 50 Nephelometric Turbidity Units (NTUs) or when pH, temperature, and conductivity measurements stabilized. Monitoring well development water was containerized for off-site disposal. Stabilization was considered achieved as described below:

Turbidity (10% for values greater than 5 Nephelometric Turbidity Units (NTUs) or three consecutive turbidity readings less than 5 NTU).

- Dissolved oxygen (DO) (10% for values greater than 0.5 milligrams per liter [mg/L] or three consecutive DO readings less than 0.5 mg/L)
- Conductivity (3%)
- Temperature (3%)
- pH (±0.1 unit)
- Oxidation/reduction potential (ORP) (± 10 millivolts)

Low-flow groundwater sampling logs are provided in **Appendix D**.

4.6.3 Monitoring Well Sampling

Groundwater samples were collected in compliance with the USEPA Low-flow Groundwater Purging and Sampling Procedure (USEPA, Sep 2017) and NYSDEC Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs (NYSDEC, April 2023). Monitoring wells were measured for depth to water and depth to bottom with an electronic interface probe capable of measuring to the hundredth of a foot. No light non-aqueous phase liquid (LNAPL) was present in any of the onsite groundwater monitoring wells installed by H2M during this site characterization.

A Geotech bladder pump was utilized to draw water from the groundwater monitoring wells. Low-flow groundwater sampling readings of turbidity, DO, conductivity, temperature, pH and ORP were logged and sampling was conducted after stabilization was considered achieved. Factory-new dedicated high-density

polyethylene (HDPE) tubing was used within each groundwater monitoring well. Laboratory-supplied glassware appropriate for the requisite analyses was utilized.

Groundwater samples were analyzed for PFAS by USEPA Method 1633. As per NYSDEC DER-10 criteria and NYSDEC's direction, a full site characterization was required at the Site in addition to PFAS sampling. Thus, each groundwater sample was also analyzed for the compounds and analytes listed below:

- TCL VOCs + 10 TICs (USEPA Method 8260D)
- TCL SVOCs + 20 TICs (USEPA Method 8270D)
- TAL Metals + Cr6 (USEPA Methods 6010D, 7473 and 7196A)
- PCBs (USEPA Method 8082A)
- TCL Pesticides (USEPA Method 8081B)
- TCL Herbicides (USEPA Method 8151A)
- Cn (USEPA Method 9014/9010C)

Furthermore, emerging contaminant 1,4-dioxane was also submitted for analysis using low-level detection USEPA Method 8270D SIM.

4.6.4 Groundwater Analytical Results

Groundwater data for the Site were compared to the NYSDEC's Division of Water Technical and Operation Guidance Series (1.1.1) (TOGS 1.1.1) AWQS and the NYSDEC's AWQS for PFAS issued in April 2023. These data and comparisons are summarized as **Tables 9 through 11**, and laboratory data reports are included in **Appendix G**.

No exceedances of NYSDEC AWQS were reported in the four onsite groundwater monitoring well locations (i.e., MW001 through MW004) for analyzed lists of VOCs, SVOCs, herbicides or PCBs. Groundwater data reported at concentrations above any of the NYSDEC AWQS are depicted in **Figures 14 through 17**.

Figure 14 shows the following exceedances of heavy metals in the groundwater samples only:

- MW001:
    - Manganese exceeding AWQS = 892 µg/L
    - Sodium exceeding AWQS = 31,600 µg/L
- MW002:
    - Sodium exceeding AWQS = 73,600 µg/L

- MW004:
    - Manganese exceeding AWQS = 630 µg/L

Figure 15 shows the following pesticide exceedance in the groundwater samples only:

- MW002:
    - Dieldrin exceeding AWQS = 0.00582 µg/L

Figures 16 and 17 show the following exceedances of PFAS in the groundwater samples only:

- MW001:
    - PFOS exceeding AWQS = 34.5 ng/L
- MW002:
    - PFOS exceeding AWQS = 5,700 ng/L
    - PFOA exceeding AWQS = 181 ng/L
- MW003:
    - PFOS exceeding AWQS = 3,850 ng/L and 3,970 ng/L (MW00X [duplicate])
    - PFOA exceeding AWQS = 48.4 ng/L and 46.6 ng/L (MW00X [duplicate])
- MW004:
    - PFOS exceeding AWQS = 14.6 ng/L
    - PFOA exceeding AWQS = 24.8 ng/L

4.7 Soil Vapor Sampling

The NYSDEC indicated that a full site characterization was required for this Site, inclusive of a representative soil vapor sample. As the Site is already developed, H2M collected one representative sub-slab soil vapor sample, and concurrent indoor air and outdoor air samples associated with the main firehouse building. The sub-slab soil vapor sample was collected by installing a permanent soil vapor pin into the floor slab.

The investigation was conducted in conformance with the New York State Department of Health (NYSDOH) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York, 2006* and guidance document

updates.[5] The sub-slab soil vapor and concurrent air samples were collected using six-liter Summa cannisters with flow rates set at 0.2 liters per minute (LPM) or less by the laboratory. The sub-slab soil vapor and concurrent indoor air samples were collected during the heating season (which is approximately November 15th until March 31st). Samples were collected over a 24-hour period, and were analyzed for VOCs using USEPA Method TO-15. Analytical results were compared with the decision matrices contained within the NYSDOH guidance document.

4.7.1 Soil Vapor Analytical Results

Sampling locations under this investigation are depicted in **Figure 6**. These sampling locations are denoted as follows:

1. Sub-slab soil vapor sample: SV001
2. Indoor air sample: IA001
3. Outdoor air sample: OA001

According to **Table 2**, no exceedances of the NYSDOH matrix screening values were reported. Dichlorodifluoromethane (Freon-12) was detected at elevated concentrations of 44,000 µg/m^3 and 100,000 µg/m^3 in the sub-slab soil vapor sample and its associated blind duplicate sample, respectively. Although also detected in the concurrent indoor and outdoor air samples, dichlorodifluoromethane (Freon-12) was reported at concentrations of 6.9 µg/m^3 and 11 µg/m^3, respectively. A copy of the laboratory analytical report is provided as **Appendix G**.

4.8 Survey

Soil boring locations, UIC locations sampled, other items of interest relating to this investigation, and permanent monitoring wells (top of casings and top of manways) were surveyed (vertical and horizontal, precision of 0.01 feet) for the purposes of determining accurate sample locations and site-specific groundwater flow direction. This information was utilized on groundwater contour maps generated for this SCR. Furthermore, sanitary and stormwater structures, as well as soil boring locations and monitoring wells are accurately depicted on figures included in this SCR based upon survey and GPS data accumulated during the investigation.

[5] The 2006 NYSDOH guidance document has been updated multiple times since issuance, but PFAS has yet to be included in the guidance and updates. Two significant updates to the 2006 NYSDOH guidance document are the soil vapor/indoor air decision matrices A through F issued in May 2017 and February 2024, and were consulted during H2M's review of the data.

4.9 Petroleum Bulk Storage Survey

H2M conducted a survey of on-site petroleum bulk storage (PBS). H2M determined that no PBS is maintained onsite; thus, H2M makes no recommendations with respect to PBS regulations in this SCR.

5.0 QUALITY ASSURANCE/QUALITY CONTROL

A quality assurance project plan (QAPP) presents the objectives, functional activities, methods, and quality assurance / quality control (QA/QC) requirements associated with sample collection and laboratory analysis for characterization activities. The QAPP follows requirements detailed in NYSDEC Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs (April 2023), DER-10, Section 2, and the Uniform Federal Policy for Quality Assurance Project Plans (EPA-505-B-04-900A, B&C, March 2005). A QAPP was prepared and provided in the NYSDEC-approved SCWP for this project. The QAPP was followed by H2M during the conduct of this Site Characterization.

All analytical data was analyzed by York Analytical Laboratories, Inc. (York), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Data were generated using NYSDEC Analytical Services Protocol (ASP) Category B data deliverables. Electronic Data Deliverables (EDD) were submitted at the completion of the investigation to the NYSDEC.

5.1 Sample Identification

Each sample was identified with a set of information relating individual sample characteristics. Required information consists of Sample Designation, Depth, Date, Time, and Matrix. Examples of sample IDs are shown below.

- SB001 (2-4') (soil sample, boring 001 from 2 to 4 feet bgs)
- VP001 (17-22') (groundwater sample, Vertical Profile 001 from 17 to 22 feet bgs)
- MW004 (groundwater sample, permanent monitoring well 004)

Sample frequency, locations, depths, and nomenclature may change subject to field decisions and professional judgment.

5.2 Special Sampling Considerations for PFAS

There are several potential sources of PFAS that could contribute to the cross-contamination of environmental samples collected during the Site Characterization. Weatherproof clothing, pens, logbooks, cosmetics, personal hygiene products, insect repellents, and sampling equipment could contain PFAS that could lead to false positive sampling results.

To ensure that the analytical results obtained during the Site Characterization were representative of the actual site conditions, several measures were taken:

- Collection of appropriate field QA/QC samples (blanks, duplicates, equipment rinsate samples, etc.) as detailed in the QAPP;
- Collection of samples using the sample guidelines contained in **SCWP**; and
- Analysis by the analytical laboratory using established laboratory QA/QC procedures and methods as detailed in the QAPP.

During the investigation, a total of four blind duplicates, three equipment blanks, three field blanks, and three trip blanks were submitted to the laboratory and analyzed. Specific to PFAS and in conformance with the QAPP, a total of three blind duplicates, three equipment blanks, and three field blanks were analyzed for PFAS.

The results of the QA/QC sampling indicate that sample collection procedures and/or ambient conditions are unlikely to have significantly impacted environmental samples collected from the Site during implementation of the investigation.

5.3 Equipment Decontamination

To minimize the potential for cross-contamination, non-dedicated drilling and sampling equipment were properly decontaminated prior to and between sampling/drilling locations.

5.3.1 General Procedures

Drilling equipment was decontaminated in a designated area. Sampling equipment and probes were decontaminated in an area covered with plastic sheeting near the sampling location. Waste material generated during decontamination activities was containerized and stored in accordance with the procedures detailed in Section 5.4. Decontamination of sampling equipment was kept to a minimum, and wherever possible, dedicated sampling equipment was used. Personnel directly involved in equipment decontamination wore appropriate personal protective equipment (PPE).

5.3.2 Drilling Equipment

Drilling equipment was decontaminated prior to performance of the first boring/excavation and between all subsequent borings/excavations. This included hand tools, casing, augers, drill rods, temporary well material, and other related tools and equipment. Water used during drilling and/or steam cleaning operations was from a potable source and brought onto the Site.

5.3.3 Sampling Equipment

Sampling equipment (e.g., trowels, knives, split-spoons, bowls, hand augers, etc.) were decontaminated prior to each use as follows:

- Laboratory-grade glassware detergent and tap water[6] scrub to remove visual contamination
- Generous tap water rinse
- Distilled water rinse

5.3.4 Meters and Probes

All meters and probes that were used in the field (other than those used solely for air monitoring purposes [e.g., PID]) were decontaminated between uses as follows:

- Laboratory-grade detergent and tap water solution wash
- Tap water rinse
- Distilled water rinse (triple rinse)

5.4 Management of Investigation Derived Waste

Waste materials generated from field operations consisted of soil cuttings, purge water, and miscellaneous solid materials such as PPE and supplies. Investigative derived waste (IDW) generated during field operations will be disposed of in accordance with applicable regulations.

Soil cuttings generated from soil boring and well installation activities were stored in one 55-gallon drum. The drum was labeled to indicate the source of the soil and stored in a designated area onsite. Soil cores and soil cuttings were field screened using a PID while performing drilling operations. Drummed soils will be disposed of at an off-site disposal facility.

Development and purge water generated during the field activities were stored in one 55-gallon drum. The drum was labeled to indicate the source of the fluid and was stored in a designated area onsite. Drummed groundwater will be disposed off-site.

[6] "Tap water" was imported onto the Site from offsite public water supply sources in containers. No onsite water was used during the conduct of this investigation.

5.5 Field Documentation

Documentation took place on appropriate forms. Permanent black or blue ink was used to record information. Errors in field documentation was lined through, initialed, dated, and corrected. Forms were kept by the H2M Field Team Leader during the field activities.

The primary purpose of the field forms was to document the daily field activities and to provide descriptions of each activity. All field activity entries were recorded and dated by the person making the entry.

5.6 Data Usability

Data usability and validation was performed as described below.

5.6.1 Data Usability and Validation Requirements

Data usability and validation were performed on analytical data sets, primarily to confirm that sampling and chain-of-custody documentation were complete, sample IDs can be tied to specific sampling locations, samples were analyzed within the required holding times, temperature ranges were met, and analyses were reported in conformance with NYSDEC ASP, Category B data deliverable requirements as applicable to the method utilized.

5.6.2 Data Usability and Validation Methods

Independent third-party data validation was performed by Vali-data of WNY, LLC (Vali-data). Vali-data completed a data usability evaluation for the data collected during the SC and data usability summary reports (DUSRs) were prepared. The DUSRs were prepared in accordance with NYSDEC DER-10, Appendix 2B. Copies of the Vali-data DUSRs are included as **Appendix H**.

Data were deemed acceptable by the data validator, with minor qualifications due to sample matrix or laboratory quality control outliers.

6.0 HEALTH AND SAFETY

Field operations were performed in accordance with the health and safety requirements provided in the site-specific Health and Safety Plan (HASP) submitted and approved by the NYSDEC as part of the SCWP. The HASP outlined the requirements for training, medical surveillance, daily tailgate meetings, emergency response, and accident and injury reporting.

The H2M Field Team Leader was responsible for implementing the HASP, completing the daily tailgate safety meetings and performing necessary Industrial Hygiene (IH) monitoring as specified in the HASP.

7.0 COMMUNITY AIR MONITORING

A site-specific Community Air Monitoring Plan (CAMP) was prepared to provide measures for protection for on-site workers and the downwind community from potential airborne contaminants as a direct result of the Site Chazaracterization. The CAMP was included in the NYSDEC-approved SCWP.

The CAMP was implemented and executed for all ground intrusive activities in accordance with 29 CFR 1910.120(h), the NYSDOH's Generic Community Air Monitoring Plan, and NYSDEC DER-10, Appendix 1A and 1B.

No CAMP action level exceedances occurred and no corrective measures were necessary. The action level of greater than 150 micrograms per cubic meter ($\mu g/m^3$) for dust and 5 parts per million (ppm) for volatile organic vapors in the breathing zone were enforced during work.

On January 10, 2025, the NYSDEC Project Manager was contacted by H2M. H2M reported that all field activities were conducted between January 6 and 10, 2025 and were concluded within the same week that work had commenced. Furthermore, no CAMP action level exceedances occurred during this one-week long field activity. H2M was instructed to include the air monitoring logs in the final SCR to the NYSDEC. Air monitoring logs for the community air monitoring are included in **Appendix F**.

9.0 HYDROGEOLOGICAL ASSESSMENT AND PHYSICAL SETTINGS

The following section describes topography, surrounding Site use and regional and Site geology/hydrogeology.

9.1 Site Topography

The topography of the Site and surrounding area was reviewed using the United States Geological Survey (USGS) 7.5-minute series topographic map for the Orient, New York quadrangle and indicates the property's elevation is approximately 17 feet AMSL. Four permanent groundwater monitoring wells were installed during the investigation and surveyed by H2M. According to these data, the grades at monitoring wells MW001 through MW004 range between 15.12 feet and 15.79 feet above the NAVD 88.

9.2 Surrounding Land Use

The site is located in a sparsely developed mixed-use area. Main Road abuts the property to the north and is commercial corridor for the area. However, properties in close proximity/adjacent to the Site along Main Road are improved/utilized as a public elementary school (north), cemetery (west), and single-family residential (east). Further east, but adjacent to the southeast is undeveloped wooded land. South and southeast adjacent properties are cemetery, single-family residential, and farmland uses. West/southwest of the Site on the west side of Tabor Road are former agricultural-use properties that are utilized as commercial and single-family residential properties.

9.3 Regional Geology/Hydrogeology

The geologic setting of Long Island is well documented and consists of crystalline bedrock composed of schist and gneiss overlain by layers of unconsolidated deposits. Immediately overlying the bedrock is the Raritan Formation, consisting of the Lloyd sand member confined by the Raritan clay member. The Lloyd sand is an aquifer and consists of discontinuous layers of gravel, sand, sandy and silty clay, and solid clay. The Raritan clay consists of gray, red, or white solid and silty clay with few lenses of sand and gravel and abundant lignite and pyrite.

Above the Raritan clay lies the Magothy Formation. The Magothy Aquifer consists of layers of fine to coarse sand of moderate to high permeability, with inter-bedded lenses of silt and clay of low permeability resulting in areas of preferential horizontal flow. Therefore, this aquifer generally becomes more confined with depth. The Magothy Aquifer is overlain by the Upper Glacial Aquifer. The Upper Glacial Aquifer is the shallowest water-table aquifer at this location and is comprised of medium to coarse sand and gravel with occasional thin lenses of fine sand and brown clay. This aquifer extends from the water table to the top of the Magothy and, therefore, is hydraulically connected to the Magothy Aquifer.

9.4 Local Hydrogeology

The depth to groundwater beneath the Site is approximately 13.5 feet bgs according to a comparison of the USGS topographical map information and the *Water-Table and Potentiometric-Surface Altitudes in the Upper Glacial, Magothy, and Lloyd Aquifers of Long Island, New York, April–May 2013* data. In preparation of the Site Characterization Work Plan (SCWP) for this Site, H2M estimated the regional groundwater flow to be to the southwest toward Orient Harbor. As shown on **Figure 3**, groundwater measurements collected by H2M during this subsurface investigation confirmed groundwater flow direction is to the southwest, but that a southern onsite component to groundwater flow direction is present.

The nearest permanent surface water body is Orient Harbor, located approximately 2,300 southwest of the Site. However, the Long Island Sound is present approximately 2,500 feet north of the Site.

9.5 Public & Private Well Search

Based upon information contained within the EDR report, there is one public water supply well within a one-mile radius of the Site. The well is identified as “Oysterponds Elementary School” and is located adjacently to the north of the Site across Main Road and according to the NYSDEC the well is active. The hamlet of Orient is not provided public water and private water wells are present on most developed properties.

10.0 NATURE AND EXTENT OF CONTAMINATION

The following section describes the nature and extent of contamination identified at the Site.

10.1 Identification of Source Areas

Based on past studies, reviews of records for the Site, and findings of this investigation, H2M has identified the following potential source areas for PFAS:

1. AOC1 was potentially utilized in the past as a fire training area in which AFFF was dispersed. This conclusion is supported by the elevated concentrations of PFOS, and to a lesser extent PFOA in this section of the Site in soil borings SB001 through SB005. Groundwater samples collected within and downgradient of AOC1 in groundwater monitoring wells MW003 and MW004 further support this conclusion.
2. Although PFAS was identified in soil samples collected at the northeast portion of the Site in soil boring SB006, based upon the historical site usage it appears unlikely to have been used in fire training.
3. Elevated PFOS concentrations exceeding PGW SCOs were detected in four stormwater drywells (UIC002 through UIC005) and one sanitary cesspool (UIC010).
    a. Stormwater drywells UIC002 and UIC004 are located adjacent to AOC1 and contain the highest concentrations of PFOS. This is consistent with H2M's conclusion that AFFF was potentially historically used in this area in fire training.
    b. Stormwater drywells UIC003 and UIC005 are each located approximately 100 feet north of AOC1. The concentrations of PFOS are significantly lower. Both drywells are located proximate to the vehicle bays of the main firehouse. It is unlikely that the elevated PFOS is related to AOC1 and is more likely related to car wash detergents used in routine maintenance of the rescue vehicles parked and cleaned in these two areas of the Site.
    c. Cesspool UIC010 contains a concentration of PFOS slightly exceeding the PGW SCO and is likely associated with soaps, cleansers and/or detergents used internally within the main firehouse.

Site-specific groundwater flow direction has been established to be southwest, but that a southern onsite component to groundwater flow direction is present. PFAS impacts related primarily to PFOS, but also containing PFOA are present onsite. The greatest impacts are located downgradient of AOC1 in MW004. Significant, but lesser impacts are present within AOC1 in MW003. Concentrations of PFOS and PFOA significantly decrease upgradient of AOC1 in MW001 and MW002; thus, indicating that AOC1 is a source area.

In addition to the PFAS investigation, the Site was required to be fully characterized under this scope of work. Based on past studies, reviews of records for the Site, and findings of this investigation, H2M has identified the following additional potential source areas for contamination:

1. The northeast section of the Site at soil boring SB006 identified an elevated concentration of arsenic above its PGW SCO. In addition, the following were also identified at concentrations above their respective USCOs, but below PGW SCOs: 4,4'-DDE, 4,4'-DDT, copper, lead and mercury. These are metals and compounds are indicative of former agricultural usage at the Site.
2. Arsenic concentrations exceeding PGW SCOs were again identified in soil borings SB003 and SB005.

3. The VOC acetone was reported at a concentration exceeding its PGW SCO in one soil boring sample only. This was located at SB005 and is proximate to the Fire District's staging area for vehicles and Quonset-style structure proximate to the edge of pavement. Acetone is a typical lab contaminant, but as there were no acetone detections reported in laboratory blanks or other acetone exceedances, there is a potential for a small release of acetone in this location to be present within surface soil.

10.2 Extent of Contamination in Soil Vapor

One representative sub-slab soil vapor sample was collected with concurrent indoor and outdoor air samples. Consistent with the 2006 NYSDOH guidance document and subsequent updates, the samples were analyzed for USEPA Method TO-15 and compared to the NYSDOH decision matrices.

No exceedances were reported in the laboratory data. A total of nine VOC detections were reported in the sub-slab sample, but at concentrations well below the NYSDOH thresholds for these VOCs as compared to the NYSDOH decision matrices.

A total of 21 VOCs were detected in the sub-slab soil vapor and concurrent indoor and outdoor air samples collected from the Site. Dichlorodifluoromethane (Freon-12) was detected at elevated concentrations of 44,000 µg/m^3 and 100,000 µg/m^3 in the sub-slab soil vapor sample and its associated blind duplicate sample, respectively. Although also detected in the concurrent indoor and outdoor air samples, dichlorodifluoromethane (Freon-12) was reported at concentrations of 6.9 µg/m^3 and 11 µg/m^3, respectively. The concentration of 6.9 µg/m^3 in indoor air places the Site between the 75th and 90th percentile for indoor air based upon the NYSDOH's 2006 Final Study's *Table C1. NYSDOH 2003: Study of volatile organic chemicals in air of fuel oil heated homes*.

The following VOCs were also detected in the sub-slab soil vapor and indoor and outdoor air samples: 2,2,4-trimethylpentane, 2-butanone, acetone, acrylonitrile, benzene, isopropanol, methylene chloride, toluene, and trichlorofluoromethane. The following VOCs were detected in sub-slab soil vapor only: 1,2-dichlorobenzene, ethyl benzene, o-xylene,p- & m-xylenes, styrene, and trichloroethylene. The VOC 4-methyl-2-pentanone was detected in the sub-slab soil vapor and indoor air samples. The VOC n-heptane was detected in the indoor air sample only. The VOCs carbon tetrachloride, chloromethane, and ethyl acetate were detected in the indoor and outdoor air samples only.

10.3 Extent of Contamination in Soil

Seven soil borings were performed at the Site. Surface soil samples were collected from zero to two inches bgs (beneath the vegetative cover). Shallow sub-surface soil samples were collected from two inches to two feet bgs. As contamination was not observed, deep soil samples were collected from six to eight feet bgs.

Three soil samples (one from the aforementioned depths as described above) were collected for analysis from each of the seven soil borings for a total of 21 soil samples analyzed for the full suite of PFAS, VOCs, SVOCs, metals, pesticides, herbicides and PCBs proposed in the SCWP.

PFAS was primarily detected in the surface, and to a lesser extent in the shallow sub-surface soil samples. Concentrations of PFAS were highest within AOC 1 with surface soil samples reported at concentrations of PFOS at 21.30 µg/kg (SB001), 8.18 µg/kg (SB003) and 9.93 µg/kg (SB004). surface soil boring SB004 also reported a PFOA concentration of 1.94 µg/kg. PFOS concentrations exceeding the PGW SCO were also reported in shallow sub-subsurface soil borings SB001 at 3.01 µg/kg and SB003 at 1.96 µg/kg. Other PFOS exceedances of the PGW SCO of 1 µg/kg, but within the RSCO of 8.8 µg/kg were identified in soil borings SB002, SB005 and SB006.

The only VOC exceedance identified in the 21 soil samples was an acetone detection at a concentration of 0.11 mg/kg in the surface soil sample collected at soil boring SB005. This was located at SB005 and is proximate to the Fire District's staging area for vehicles and Quonset-style structure proximate to the edge of pavement. Acetone is a typical lab contaminant, but as there were no acetone detections reported in laboratory blanks or other acetone exceedances, there is a potential for a small release of acetone in this location to be present within surface soil.

Historically, combinations of heavy metals and organochlorine (man-made) pesticides have been used on agricultural properties to control unwanted pests (e.g., insects and rodents). The northeast section of the Site at soil boring SB006 identified an elevated concentration of arsenic above its PGW SCO in the surface soil sample at a concentration of 64.8 mg/kg. In addition, the following were also identified at concentrations above their respective USCOs, but below PGW SCOs in the same surface soil sample: 4,4'-DDE at 0.03860 mg/kg, 4,4'-DDT at 0.0452 mg/kg, copper at 102 mg/kg, lead at 89.4 mg/kg, and mercury at 0.583 mg/kg. Arsenic concentrations exceeding PGW SCOs were again identified in soil borings SB003 at 22.7 mg/kg and SB005 at 19.1 mg/kg in the surface soil samples only.

No NYSDEC SCO exceedances of PCBs or herbicides were detected in the 21 soil samples collected from the seven boring locations at the Site.

10.4 Extent of Contamination in Sanitary and Stormwater Structure Sediments

Two sanitary systems (i.e., Sanitary System #1 and #2) totaling six structures are present at the Site, of which bottom sediment samples were collected and analyzed from four accessible cesspools (i.e., UIC008, UIC009, UIC010, and UIC011). One hard-bottomed and hard-piped interior floor drain determined to be free of any bottom sediments (i.e., UIC015) and eight at-grade exterior stormwater drywells (i.e., UIC001 through UIC007 and UIC014) were accessed by H2M and bottom sediment samples were collected and submitted for laboratory analyses.

In total, 12 bottom sediment samples (four sanitary and eight stormwater) were collected and analyzed from the Site. One bottom sediment sample (one from each structure noted above) for a total of 12 bottom sediment soil samples analyzed for the full suite of PFAS, VOCs, SVOCs, metals, pesticides, herbicides and PCBs proposed in the SCWP.

PFOS was detected at concentrations above the PGW SCO of 1 µg/kg in five of the 12 structures as follows: UIC002, UIC003, UIC004, UIC005, and UIC010. Stormwater drywells UIC003 and UIC004 in the asphalt-paved driveway adjacent to the north of AOC 1 contained the highest concentrations of PFOS of the sanitary and stormwater drywells with concentrations of 14.5 µg/kg and 21.7 µg/kg, respectively. Further northward from AOC 1, stormwater drywells UIC002 and UIC005 reported lower PFOS concentrations within bottom sediments of 2.11 µg/kg and 2.40 µg/kg, respectively. Finally, sanitary cesspool within Sanitary System #1 contained a lower concentration of PFOS within bottom sediments of 1.33 µg/kg.

No NYSDEC SCOs exceedances were reported in bottom sediment samples collected from within Sanitary System #1 or #2. USCOs were exceeded in five stormwater drywells (i.e., UIC002, and UIC004 through UIC007); however, no RSCOs or PGW SCOs were exceeded. The metals detected above USCOs were mercury, copper, zinc, lead, selenium and hexavalent chromium.

No NYSDEC SCO exceedances of VOCs, SVOCs, PCBs or herbicides were detected in the bottom sediment samples collected from the 12 accessible sanitary and stormwater structures at the Site.

10.5 Extent of Contamination in Groundwater

Four permanent groundwater monitoring wells were installed and sampled at the Site via low-flow sampling procedures. The wells were constructed of two-inch diameter, schedule 40 PVC casing and screen with 0.010-inch slot to collect samples within the upper glacial aquifer ranging between 13.82 feet bgs and 14.51 feet bgs.

Each of the four groundwater samples from monitoring wells MW001 through MW004 were collected for analysis of the full suite of PFAS, VOCs, SVOCs, metals, pesticides, herbicides and PCBs proposed in the SCWP.

The greatest concentrations of PFOS and PFOA were detected in the furthest downgradient monitoring well (i.e., MW004), which is approximately 35 feet south of AOC 1. PFOS and PFOA concentrations collected from monitoring well MW004 were reported at 5,700 ng/L and 181 ng/L, respectively. Monitoring well MW003 was installed in a central location of AOC 1 and PFOS and PFOA were detected at concentrations of 3,850 ng/L and 48.4 ng/L, respectively. Upgradient groundwater sample MW001 collected north of the main firehouse reported a PFOS concentration of 34.5 ng/L. The northernmost groundwater monitoring well installed at the Site, located approximately 35 feet south of Main Road, reported elevated concentrations of PFOS and PFOA at 14.6 ng/L and 24.8 ng/L, respectively.

Metals exceedances above the NYSDEC TOGS 1.1.1 AWQS were identified in three of the four groundwater monitoring wells (i.e., MW001, MW002 and MW004). These exceedances were related to two metals only: manganese and sodium. The AWQS for manganese is 300 µg/L and the AWQS for sodium is 20,000 µg/L. Manganese was reported in groundwater monitoring wells MW001 and MW004 at concentrations of 892 µg/L and 630 µg/L, respectively. Sodium was reported in groundwater monitoring wells MW001 and MW002 at concentrations of 31,600 µg/L and 73,600 µg/L, respectively.

The only pesticide at a concentration above the NYSDEC TOGS 1.1.1 AWQS was identified in the northernmost and upgradient groundwater monitoring well MW002. Dieldrin was reported at a concentration of 0.00582 µg/L, which exceeds it AWQS of 0.004 µg/L.

No NYSDEC TOGS 1.1.1 AWQS exceedances of VOCs, SVOCs, PCBs or herbicides were detected in the four groundwater samples collected from the four permanent groundwater monitoring well locations at the Site.

10.6 Fish and Wildlife Resources

H2M evaluated potential impact to fish and wildlife resources in accordance with DER-10 Section 3.10, Fish and Wildlife Resources Impact Analysis (FWRIA), and DER-10 Appendix 3C, FWRIA Decision Key. A summary of the FWRIA is detailed below; a copy of the Decision Key is included in **Appendix J**.

Section 1: *Is the site or area of concern a discharge or spill event?* **NO**. *If "NO" Go to Section 2.*

Section 2: *Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas?* **NO**. *If "NO" Go to Section 3.*

Section 3: *Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?* **NO**. *If "NO" Go to Section 9.*

Section 9: *Does the site or any adjacent or downgradient property contain any of the following resources?*

i. Any endangered, threatened or special concern species or rare plants or their habitat
ii. Any DEC designated significant habitats or rare NYS Ecological Communities
iii. Tidal or freshwater wetlands
iv. Stream, creek or river
v. Pond, lake, lagoon
vi. Drainage ditch or channel
vii. Other surface water feature
viii. Other marine or freshwater habitat
ix. Forest
x. Grassland or grassy field
xi. Parkland or woodland
xii. Shrubby area
xiii. Urban wildlife habitat
xiv. Other terrestrial habitat

NO. *If "NO" Go to Section 10.*

Section 10: *Is the lack of resources due to the contamination?* **NO**. *If "NO" Go to Section 14.*

Section 14: *No Fish and Wildlife Resources Impact Analysis needed.*

11.0 QUALITATIVE HUMAN EXPOSURE ASSESSMENT

The overall purpose of the Qualitative Human Exposure Assessment is to evaluate and document how people might be exposed to contaminants on-site and to identify and characterize the potentially exposed population(s) now and under reasonably anticipated future use of the Site. To evaluate if an exposure pathway exists, the exposure assessment should assess the quality, representativeness, and adequacy of the available data. In addition, the qualitative exposure assessment should consider the nature of populations currently exposed or that have the potential to be exposed to Site contaminants both on-site and off-site and describe the reasonably anticipated future land use of the Site and affected areas off-site.

11.1 Contaminant Source

The Site is under an Order on Consent for investigation of the presence of PFAS; thus, that is the primary source of contamination relevant to this SCR. However, as part of the site characterization, multiple analyses of media were conducted to investigate for other contamination sources if present.

Surface and shallow sub-surface soil data from AOC 1 (SB001, SB003 and SB004), as well as groundwater data collected from within and downgradient of AOC 1 (MW003 and MW004, respectively), support the premise that onsite fire training activities with dispersal of AFFF occurred within AOC 1. This is based upon the elevated concentrations of PFOS and PFOA within and proximate to AOC 1 in onsite soils and groundwater. Furthermore, the two adjacent stormwater drywells within the asphalt-paved driveway (UIC003 and UIC004) also contain significantly elevated PFOS concentrations in bottom sediments.

Based upon additional bottom sediment data reporting concentrations of PFOS that are within the RSCOs, but above PGW SCOs in stormwater drywells UIC002 and UIC005, an alternative source is possible. Both stormwater drywells are located in the asphalt pavement adjacent to the fire truck bays of the main firehouse. Therefore, it is possible that the elevated concentrations of PFOS within UIC002 and UIC005 are accumulations from routine car wash detergents associated with maintenance of the rescue vehicles at the Site.

A third location of PFOS was detected in Sanitary System #1 cesspool UIC010 with bottom sediment data reporting a concentration of PFOS that is within the RSCO, but above PGW SCO. Based upon the concentration of PFOS detected and the physical location and usage of UIC010, it appears possible that this source of PFOS is from routine usage of cleansers and soaps utilized within the main firehouse building.

No source has been established for the PFOS concentrations detected in the northeast section of the Site from soil boring SB006 that are within the RSCO but above the PGW SCO.

Detections of 4,4' DDE and 4,4' DDT at concentrations above USCOs, but below both RSCOs and PGW SCOs for these pesticides in two surface soil boring locations (SB005 and SB006) are indicative of a background condition that is possibly related to the historical agricultural usage of the Site. Furthermore, elevated heavy metals concentrations in surface soil samples collected at soil boring locations SB003, SB005, SB006, and SB007 further support this historic agricultural usage premise and the dispersion of pesticides. Concentrations of detected heavy metals copper, lead and mercury exceeded USCOs, but below both RSCOs and PGW SCOs. However, the concentrations of arsenic did exceed both the RSCO and PGW SCO in three of these four surface soil samples (SB003, SB005, and SB006).

Soil boring SB004 reported a hexavalent chromium concentration that exceeded its USCO, but was below both the RSCO and PGW SCO. The presence of hexavalent chromium within this surface soil sample is possibly the result of firehouse-related operations, storage or importation of recycled concrete aggregate (RCA) to stabilize exposed soils.

11.1.1 Contaminant Release and Transport

Transport mechanisms for identified soil impacts above PGW SCOs include airborne transportation as dust or suspended in stormwater runoff. Soil impacted with PFAS was confirmed within AOC 1 and adjacent to the south of AOC 1. In addition, PFAS-impacted bottom sediments were confirmed present within stormwater drywells located adjacent to AOC 1 and to a lesser extent further northward within two additional drywells, and lastly to a further lesser extent within one sanitary cesspool. Furthermore, concentrations of PFOS above the PGW SCO were detected in a landscaped area at the northeast portion of the Site and significantly distant from AOC 1.

PFOS and PFOA contamination is present at the soil/water table interface at the Site.

Surface and shallow sub-surface soil data from AOC 1 (SB001, SB003 and SB004), as well as groundwater data collected from within and downgradient of AOC 1 (MW003 and MW004, respectively), support the premise that onsite fire training activities with dispersal of AFFF occurred within AOC 1. This is based upon the elevated concentrations of PFOS and PFOA within and proximate to AOC 1 in onsite soils and groundwater. Furthermore, the two adjacent stormwater drywells within the asphalt-paved driveway (UIC003 and UIC004) also contain significantly elevated PFOS concentrations in bottom sediments. The suspected dispersal of AFFF likely reached the water table via downward migration through the exposed soils in the unpaved area of AOC 1, as well as the unpaved area immediately adjacent to the south of AOC 1, and the two open bottom stormwater drywells located adjacently to the north in the asphalt-paved driveway.

Soils impacts related to the heavy metal arsenic exceeding the RSCO and PGW SCO were identified and are likely related to historical agricultural usage of the Site. Heavy metals typically bind to the organic-rich uppermost soils and do not readily migrate to groundwater. Although elevated concentrations of manganese and sodium were detected in groundwater samples analyzed during the conduct of this site characterization, no elevated concentrations of arsenic were reported. Furthermore, no SCO exceedances of manganese or sodium were reported in the 21 soil samples collected and analyzed during the conduct of this site characterization.

11.2 Points and Routes of Exposure

When compared to RSCOs and PGW SCOs only, soils at the Site are impacted to varying concentrations with PFOS, PFOA, arsenic, and acetone. Exposure pathways are inhalation and ingestion from fugitive dust and impacted groundwater. Based upon the available data, groundwater has been impacted with PFOS and PFOA, but not arsenic or acetone.

When compared to RSCOs and PGW SCOs only, bottom sediments within four drywells and one sanitary cesspool at the Site are impacted to varying concentrations with PFOS only. As these bottom sediments are subgrade, the only exposure pathway is ingestion of impacted groundwater resulting from vertical migration of PFOS into the water table. Based upon the available data, groundwater has been impacted with PFOS.

Additional groundwater impacts detected at concentrations exceeding AWQS are manganese, sodium and dieldrin. As no RSCO or PGW SCO exceedances were identified during the site characterization for these metals and pesticide, the exposure pathway for these contaminants is limited to ingestion of impacted groundwater.

As previously indicated in this SCR, the hamlet of Orient is not serviced by a public potable water supplier. Thus, developed properties in Orient utilize private water supply wells. Due to the pumping capacity and site use, the one supply well within a one-mile radius of the Site categorized as a public water supply well is associated with the Oysterponds Elementary School. The elementary school is located adjacently to the north at the north side of Main Road and hydrogeologically upgradient to the Site.

11.3 Characterization of Potential Receptor Populations

The site is located in a sparsely developed mixed-use area. Main Road abuts the property to the north and is a commercial corridor for the area. However, properties in close proximity/adjacent to the Site along Main Road are improved/utilized as a public elementary school (north), cemetery (west), and single-family residential (east). Further east, but adjacent to the southeast is undeveloped wooded land. South and southeast adjacent properties are cemetery, single-family residential, and farmland uses. West/southwest

of the Site on the west side of Tabor Road are former agricultural-use properties that are utilized as commercial and single-family residential properties.

Based upon Google Earth imagery, two mixed-use properties located adjacent to the west along the west side of Tabor Road likely utilize onsite private wells and are within 500 feet of the Site and downgradient. Six developed properties utilized for religious and residential purposes were identified 500 feet west of the Site at downgradient locations and likely utilized onsite private wells. Eleven residences and one public school were identified north and east of the Site, and upgradient and/or crossgradient of the Site. One residence was identified within 500 feet of the Site to the south and downgradient. In addition, firefighters and other occupants of the Site are potential receptor populations.

11.4 Qualitative Human Health Exposure Assessment Summary Table

The following table provides a summary of the routes of exposure.

Qualitative Human Health Exposure Assessment Summary Table

Environmental Media & Exposure Route	Human Assessment
Direct contact with surface soils/inhalation of dust/ingestion of soil	• The Site is improved with an active firehouse, well maintained and manned on a 24/7 basis. • PFOS concentrations in drywell and sanitary cesspool bottom sediments exceeding RSCO and PGW SCO are limited to the subsurface and not considered a surface soils/inhalation of dust/ingestion of soil exposure route. • PFOS, PFAS, arsenic and acetone at concentrations exceeding RSCOs and PGW SCOs are present in surface and/or shallow subsurface soils. The majority of the Site that is unimproved by impermeable surfaces (i.e., asphalt, concrete, buildings, etc.) is covered in well-maintained grass lawns and field. The remainder is covered with mulch and RCA to stabilize exposed soils. There is limited access to direct contact with surface soils, inhalation of dust and ingestion of soil.
Direct contact with groundwater	• Groundwater is located greater than 13 feet bgs and there is no concern for direct contact with onsite groundwater. The exceptions being where downgradient wells are not improved with Point of Entry Treatment (POET) systems. • SCDHS has sampled several private wells in the vicinity of the Site and Alternate Water Supplies have been provided by the State to properties in which drinking water exceeded New York State Maximum Contaminant Levels (MCLs) for PFOA and/or PFOS. • Water filters being installed at Site.
Ingestion of groundwater	• Groundwater is located greater than 13 feet bgs and there is no concern for direct contact with groundwater. The exceptions being where downgradient wells are not improved with Point of Entry Treatment (POET) systems. • SCDHS has sampled several private wells in the vicinity of the Site and Alternate Water Supplies have been provided by the State to properties in which drinking water exceeded New York State MCLs for PFOA and/or PFOS. • Water filters being installed at Site.

12.0 CONCLUSIONS

The investigation was initiated due to elevated PFAS concentrations in groundwater identified by the SCDHS in the hamlet of Orient. The hamlet relies upon private water supply wells since no public water is currently available. The purpose of the investigation was to determine if PFAS contamination is present at levels that pose a threat to public health and/or the environment and require further investigation. The SCWP identified AOC 1 as the potential area for previous fire training activity and use of AFFF. The Site is under an Order on Consent for investigation of the presence of PFAS; thus, that is the primary source of contamination relevant to this SCR. However, as part of the site characterization, multiple analyses of media were conducted to investigate for other contamination sources if present. To perform this work, the following tasks were completed:

- To determine if subsurface anomalies were present at the Site and identify Site utilities at proposed drilling locations, a geophysical investigation was performed. The geophysical survey included onsite buildings, onsite sanitary systems, stormwater drywells, and proposed boring locations. Bottom sediments from within identified drainage structures were collected and submitted for laboratory analyses.
    - Two onsite sanitary systems were confirmed present; Sanitary System #1 is located at the north side of the main firehouse building, and Sanitary System #2 is located at the north side of the annex firehouse building.
        - Sanitary System #1:
            - Four at-grade sanitary structures denoted by H2M as UIC008, UIC009, UIC010 and UIC013.
            - UIC013 was inaccessible during site characterization and is a potential septic tank.
            - Bottom sediments collected from UIC010 contained a PFOS concentration of 1.33 µg/kg.
        - Sanitary System #2:
            - Two subgrade sanitary structures denoted by H2M as UIC011 and UIC012
            - UIC012 is a solid-bottomed septic tank.
            - UIC011 is an open bottomed cesspool.
            - No impacts identified.

- One floor drain present; denoted by H2M as UIC015:
  - Located within annex building.
  - Solid-bottomed and hard-piped.
  - Discharges to stormwater structure UIC007 at western building exterior.
  - No impacts identified.
- Eight at-grade stormwater abatement structures confirmed:

  Open bottom stormwater drywells denoted by H2M as UIC001 through UIC007, and UIC014.
  - Bottom sediments collected from UIC002, UIC003, UIC004, and UIC005 contained PFOS concentrations of 2.11 µg/kg, 14.50 µg/kg, 21.70 µg/kg, and 2.40 µg/kg, respectively.

- No petroleum bulk storage tanks or anomalies of concern were identified during the geophysical survey.
- Seven soil borings were performed at the Site. Surface soil samples were collected from zero to two inches bgs. Shallow sub-surface soil samples were collected from two inches to two feet bgs. As contamination was not observed, deep soil samples were collected from six to eight feet bgs. Three soil samples (one from the aforementioned depths as described above) were collected for analysis from each of the seven soil borings for a total of 21 soil samples analyzed for the full suite of PFAS, VOCs, SVOCs, metals, pesticides, herbicides and PCBs proposed in the SCWP.
  - When compared to RSCOs and PGW SCOs only, soils at the Site are impacted to varying concentrations with PFOS, PFOA, arsenic, and acetone.
    - <u>SB001</u>:
      - SB001 (0-2in): PFOS = 21.30 µg/kg, and
      - SB001 (2-24in): PFOS = 3.01 µg/kg
    - <u>SB002</u>:
      - SB002 (0-2in): PFOS = 6.48 µg/kg, and
      - SB002 (2-24in): PFOS = 2.33 µg/kg

- SB003:
  - SB003 (0-2in): PFOS = 8.18 µg/kg, arsenic = 22.7 mg/kg, and
  - SB003 (2-24in): PFOS = 1.96 µg/kg
- SB004:
  - SB004 (0-2in): PFOS = 9.93 µg/kg, and PFOA = 1.94 µg/kg
- SB005:
  - SB005 (0-2in): PFOS = 3.98 µg/kg, acetone = 0.11 mg/kg, arsenic = 19.1 mg/kg, and
  - SB005 (2-24in): PFOS = 1.42 µg/kg
- SB006:
  - SB006 (0-2in): PFOS = 4.26 µg/kg, arsenic = 64.8 mg/kg, and
  - SB006 (2-24in): PFOS = 1.1 µg/kg

- Four permanent groundwater monitoring wells were installed during the investigation and surveyed by H2M. According to these data, the grades at monitoring wells MW001 through MW004 range between 15.12 feet and 15.79 feet above NAVD 88. Site-specific groundwater flow direction has been established to be southwest, but that a southern onsite component to groundwater flow direction is present. The nearest permanent surface water body is Orient Harbor, located approximately 2,300 southwest of the Site. However, the Long Island Sound is present approximately 2,500 feet north of the Site. The following is a summary of NYSDEC TOGS 1.1.1 and Part 375 AWQS in the groundwater samples collected at the Site:
  - MW001: PFOS = 34.5 ng/L, manganese = 892 µg/L, and sodium = 31,600 µg/L
  - MW002: PFOS = 5,700 ng/L, PFOA 181 ng/L, and sodium = 73,600 µg/L
  - MW003: PFOS = 3,850 ng/L and 3,970 ng/L (MW00X [duplicate]), and PFOA = 48.4 ng/L and 46.6 ng/L (MW00X [duplicate])
  - MW004: PFOS = 14.6 ng/L, PFOA = 24.8 ng/L, and manganese = 630 µg/L.
- As the Site is already developed, H2M collected one representative sub-slab soil vapor sample, and concurrent indoor air and outdoor air samples associated with the main firehouse building. No exceedances of the NYSDOH matrix screening values were reported. Dichlorodifluoromethane (Freon-12) was detected at elevated concentrations of 44,000 µg/m^3 and 100,000 µg/m^3 in the sub-

slab soil vapor sample and its associated blind duplicate sample, respectively. Although also detected in the concurrent indoor and outdoor air samples, dichlorodifluoromethane (Freon-12) was reported at concentrations of 6.9 µg/m^3 and 11 µg/m^3, respectively. The concentration of 6.9 µg/m^3 in indoor air places the Site between the 75th and 90th percentile for indoor air based upon the NYSDOH's 2006 Final Study's *Table C1. NYSDOH 2003: Study of volatile organic chemicals in air of fuel oil heated homes*.

- Transport mechanisms for identified soil impacts above PGW SCOs include airborne transportation as dust or suspended in stormwater runoff. Soil impacted with PFAS was confirmed within AOC 1 and adjacent to the south of AOC 1. In addition, PFAS-impacted bottom sediments were confirmed present within stormwater drywells located adjacent to AOC 1 and to a lesser extent further northward within two additional drywells, and lastly to a further lesser extent within one sanitary cesspool. Furthermore, concentrations of PFOS above the PGW SCO were detected in a landscaped area at the northeast portion of the Site and significantly distant from AOC 1.

  PFOS and PFOA contamination is present at the soil/water table interface at the Site.

  Surface and shallow sub-surface soil data from AOC 1 (SB001, SB003 and SB004), as well as groundwater data collected from within and downgradient of AOC 1 (MW003 and MW004, respectively), support the premise that onsite fire training activities with dispersal of AFFF occurred within AOC 1. This is based upon the elevated concentrations of PFOS and PFOA within and proximate to AOC 1 in onsite soils and groundwater. Furthermore, the two adjacent stormwater drywells within the asphalt-paved driveway (UIC003 and UIC004) also contain significantly elevated PFOS concentrations in bottom sediments. The suspected dispersal of AFFF likely reached the water table via downward migration through the exposed soils in the unpaved area of AOC 1, as well as the unpaved area immediately adjacent to the south of AOC 1, and the two open bottom stormwater drywells located adjacently to the north in the asphalt-paved driveway.

  Soils impacts related to the heavy metal arsenic exceeding the RSCO and PGW SCO were identified and are likely related to historical agricultural usage of the Site. Heavy metals typically bind to the organic-rich uppermost soils and not readily migrate to groundwater. Although elevated concentrations of manganese and sodium were detected in groundwater samples analyzed during the conduct of this site characterization, no elevated concentrations of arsenic were reported. Furthermore, no SCO exceedances of manganese or sodium were reported in the 21 soil samples collected and analyzed during the conduct of this site characterization.

Transport mechanisms for identified impact include soil transportation as dust or suspended in storm runoff and migration of groundwater. As the Site is currently secured with vegetation, RCA, mulch, various buildings, pavement and concrete, impacted shallow soils at the Site are contained. There are currently no excavations onsite that would allow exposure to soil or groundwater.

Possible Site exposure pathways are by ingestion, inhalation, or dermal exposure by direct contact. The Site is currently secured with vegetation, RCA, mulch, various buildings, asphalt and/or concrete which largely negates these exposure pathways. There is a private supply well onsite and the Orient Fire District has posted signs that water is not potable. Site occupants currently utilize bottled water for consumption. A complete exposure pathway via ingestion has been identified in several private wells by the SCDHS, and Alternate Water Supplies have been provided by the State.

H2M has been conferring with the NYSDEC's Region 1 Division of Water as it pertains to interior drainage structures within Fire District buildings. Based upon feedback from the NYSDEC's Region 1 Division of Water and SCDHS' Office of Pollution Control, the absence of sediments and standing water within floor drain UIC 015, and the absence of bottom sediment impacts within discharge point open-grate stormwater drywell UIC 007, no State Pollution Discharge Elimination System (SPDES) permit is required for floor drain UIC 015 which is utilized to capture and redirect de minimis quantities of stormwater dripping off of emergency services vehicles that are parked within the firehouse annex building.

Based upon the above findings, an interim remedial measure (IRM) to conduct "hot spot" remediation of surface and shallow subsurface soils in the unpaved area defined as AOC 1 is warranted. The PFAS impacts can be excavated and disposed offsite with AOC 1 extended southward to further remediate the area based upon indications of impacts to adjacent to the south from fire training activity. The IRM Work Plan (IRMWP) should include endpoint and delineation sampling for PFAS, VOCs and heavy metals to document the effectiveness of the removals of PFOS, PFOA, arsenic and acetone in this location of the property.

An IRMWP may also include remediation of bottom sediments within stormwater drywells UIC002 through UIC005 and sanitary cesspool UIC010. As only PFOS concentrations exceeding the RSCO and PGW SCO were identified, post-remediation endpoint sampling for PFAS should be incorporated in the IRMWP for these five drainage structures. In addition, during the drainage structure remediation, UIC013 should be accessed, bottom sediments sampled and submitted to the laboratory for the full suite of site characterization analyses.

Due to the significant concentration of arsenic reported in soil boring SB006, an IRMWP may also include a second "hot spot" remediation, post-remediation endpoint sampling, and delineation sampling plan for the northeast section of the Site surface and shallow subsurface soils.

In addition, the reported elevated concentrations of dichlorodifluoromethane (Freon-12) represent a potential soil vapor intrusion condition. Thus, the IRM should also include a repeated co-located sub-slab vapor, indoor air, and outdoor air sampling during the 2025-2026 heating season.

FIGURES



Figure 1	**Site Location (Topographic) Map** **Orient Fire District** **23300 Main Road** **Orient, New York**	**Source:** **USGS** **Orient Quadrangle** **2023**	N	H2M architects + engineers 290 Broad Hollow Road, Suite 400E Melville, NY 11747

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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

SB006
MW002
UIC009
UIC008
UIC010
UIC006
UIC013
MW001
SV001
UIC001
A001
UIC005
UIC011
UIC012
SB007
UIC007
UIC015
UIC014
UIC002
OA001
UIC004
SB004
UIC003
SB005
SB003
MW003
SB001
AOC1
MW004
SB002

GRAPHIC SCALE
60 0 30 60
(IN FEET)
1 inch = 60 ft.

LEGEND

- SOIL BORING LOCATION
- AT GRADE INLET LOCATION
- SUBSURFACE INLET LOCATION
- SOIL VAPOR & AIR SAMPLING LOCATIONS
- MONITORING WELL LOCATION
- AREA OF CONCERN 1

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 2	**ALL SAMPLE LOCATIONS**	**Project #** ORFD2301	H2M architects + engineers
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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

MW 001
RIM EL. - 16.15'
MP EL. - 15.79'
GW EL - 1.28'

MW 002
RIM EL. - 15.69'
MP EL. - 15.12'
GW EL - 1.30'

MW 003
RIM EL. - 15.83'
MP EL. - 15.51'
GW EL - 1.26'

MW 004
RIM EL. - 15.79'
MP EL. - 15.52'
GW EL - 1.25'

1.295
1.290
1.285
1.280
1.275
1.270
1.265
1.260
1.255

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

LEGEND

MONITORING WELL LOCATION

ABBREVIATIONS

DESCRIPTION	ABBREVIATION
MEASURING POINT	MP
GROUNDWATER ELEVATION	GW El.

GRAPHIC SCALE

60 0 30 60

(IN FEET)
1 inch = 60 ft.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 3

GROUNDWATER CONTOURS AND MONITORING WELL LOCATIONS

Project #
ORFD2301

DATE:
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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

SB006
SB007
SB004
SB005
SB003
SB001
SB002

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

LEGEND

SOIL BORING LOCATION

GRAPHIC SCALE

60 0 30 60

(IN FEET)
1 inch = 60 ft.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 4	SOIL BORING SAMPLE LOCATIONS	Project # ORFD2301	H 2 M architects + engineers
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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

UIC001
UIC002
UIC003
UIC004
UIC005
UIC006
UIC007
UIC008
UIC009
UIC010
UIC011
UIC012
UIC013
UIC014
UIC015

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

LEGEND

AT GRADE INLET LOCATION

SUBSURFACE INLET LOCATION

GRAPHIC SCALE

60 0 30 60

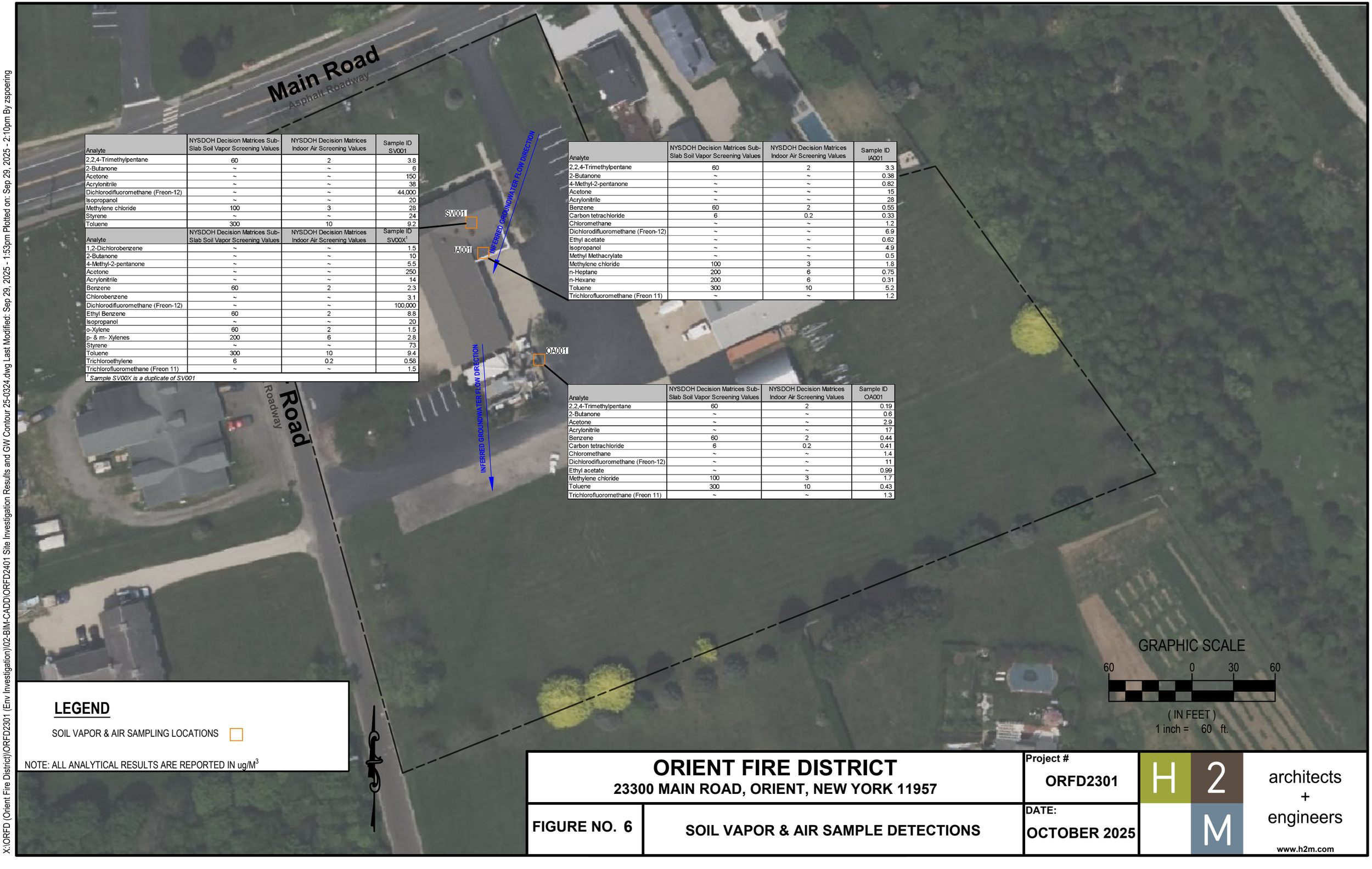
(IN FEET)

1 inch = 60 ft.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 5	**UIC SAMPLE LOCATIONS**	**Project #** ORFD2301	H 2 M architects + engineers
		DATE: OCTOBER 2025	www.h2m.com



Analyte	NYSDOH Decision Matrices Sub-Slab Soil Vapor Screening Values	NYSDOH Decision Matrices Indoor Air Screening Values	Sample ID SV001
2,2,4-Trimethylpentane	60	2	3.8
2-Butanone	~	~	6
Acetone	~	~	150
Acrylonitrile	~	~	38
Dichlorodifluoromethane (Freon-12)	~	~	44,000
Isopropanol	~	~	20
Methylene chloride	100	3	28
Styrene	~	~	24
Toluene	300	10	9.2

Analyte	NYSDOH Decision Matrices Sub-Slab Soil Vapor Screening Values	NYSDOH Decision Matrices Indoor Air Screening Values	Sample ID SV00X[1]
1,2-Dichlorobenzene	~	~	1.5
2-Butanone	~	~	10
4-Methyl-2-pentanone	~	~	5.5
Acetone	~	~	250
Acrylonitrile	~	~	14
Benzene	60	2	2.3
Chlorobenzene	~	~	3.1
Dichlorodifluoromethane (Freon-12)	~	~	100,000
Ethyl Benzene	60	2	8.8
Isopropanol	~	~	20
o-Xylene	60	2	1.5
p- & m- Xylenes	200	6	2.8
Styrene	~	~	73
Toluene	300	10	9.4
Trichloroethylene	6	0.2	0.58
Trichlorofluoromethane (Freon 11)	~	~	1.5

[1] *Sample SV00X is a duplicate of SV001*

Analyte	NYSDOH Decision Matrices Sub-Slab Soil Vapor Screening Values	NYSDOH Decision Matrices Indoor Air Screening Values	Sample ID IA001
2,2,4-Trimethylpentane	60	2	3.3
2-Butanone	~	~	0.38
4-Methyl-2-pentanone	~	~	0.82
Acetone	~	~	15
Acrylonitrile	~	~	28
Benzene	60	2	0.55
Carbon tetrachloride	6	0.2	0.33
Chloromethane	~	~	1.2
Dichlorodifluoromethane (Freon-12)	~	~	6.9
Ethyl acetate	~	~	0.62
Isopropanol	~	~	4.9
Methyl Methacrylate	~	~	0.5
Methylene chloride	100	3	1.8
n-Heptane	200	6	0.75
n-Hexane	200	6	0.31
Toluene	300	10	5.2
Trichlorofluoromethane (Freon 11)	~	~	1.2

Analyte	NYSDOH Decision Matrices Sub-Slab Soil Vapor Screening Values	NYSDOH Decision Matrices Indoor Air Screening Values	Sample ID OA001
2,2,4-Trimethylpentane	60	2	0.19
2-Butanone	~	~	0.6
Acetone	~	~	2.9
Acrylonitrile	~	~	17
Benzene	60	2	0.44
Carbon tetrachloride	6	0.2	0.41
Chloromethane	~	~	1.4
Dichlorodifluoromethane (Freon-12)	~	~	11
Ethyl acetate	~	~	0.99
Methylene chloride	100	3	1.7
Toluene	300	10	0.43
Trichlorofluoromethane (Freon 11)	~	~	1.3

LEGEND

SOIL VAPOR & AIR SAMPLING LOCATIONS

NOTE: ALL ANALYTICAL RESULTS ARE REPORTED IN ug/M^3

GRAPHIC SCALE

60 0 30 60

(IN FEET)

1 inch = 60 ft.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 6

SOIL VAPOR & AIR SAMPLE DETECTIONS

Project # ORFD2301

DATE: OCTOBER 2025

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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

SB006

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB006 (0-2in)
Arsenic	**13**	**16**	**16**	**16**	**16**	**16**	**64.9**
Copper	**50**	270	270	270	10,000	1720	**102**
Lead	**63**	400	400	1000	3900	450	**89.4**
Mercury	**0.18**	0.81	0.81	2.80	5.70	0.73	**0.583**

INFERRED GROUNDWATER FLOW DIRECTION

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB007 (0-2in)
Arsenic	**13**	16	16	16	16	16	**14.3**

SB007

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB004 (0-2in)
Hexavalent Chromium	1	22	110	400	800	19	**1.89**

SB004

SB005

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB005 (0-2in)
Arsenic	13	16	16	16	16	16	**19.1**

SB003

SB001

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB003 (0-2in)
Arsenic	13	16	16	16	16	16	**22.7**

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB00X
Arsenic	**13**	**16**	**16**	**16**	**16**	**16**	**27.1**
Copper	**50**	270	270	270	10,000	1720	**62.4**
Mercury	**0.18**	0.81	0.81	2.80	5.70	0.73	**0.192**

Sample SB00X is a duplicate of SB003 (0-2in)

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB00X'
Arsenic	13	16	16	16	16	16	27.1
Copper	50	270	270	270	10,000	1720	62.4
Mercury	0.18	0.81	0.81	2.80	5.70	0.73	0.192

Sample SB00X is a duplicate of SB003 (0-2in)

SB002

GRAPHIC SCALE

60 0 30 60

(IN FEET)
1 inch = 60 ft.

LEGEND

SOIL BORING LOCATION

NYSDEC Part 375 Soil Cleanup Objectives	
Unrestricted Use	UU
Residential	R
Restricted Residential	RR
Commercial	C
Industrial	I
Protection of Groundwater	PGW

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 7

SOIL BORING EXCEEDANCES - METALS

Project # ORFD2301

DATE: OCTOBER 2025

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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

SB006

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	R	RR	C	I	PGW	SB006 (0-2m)
4,4'-DDE	0.0033	1.8	8.9	62	120	17	0.0396
4,4'-DDT	0.0033	1.7	7.9	47	94	136	0.0467

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

SB007

SB004

SB005

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	R	RR	C	I	PGW	SB005 (0-2m)
4,4'-DDE	0.0033	1.8	8.9	62	120	17	0.00471

SB003

SB001

SB002

GRAPHIC SCALE

60 0 30 60

(IN FEET)
1 inch = 60 ft.

LEGEND

SOIL BORING LOCATION

NYSDEC Part 375 Soil Cleanup Objectives	
Unrestricted Use	UU
Residential	R
Restricted Residential	RR
Commercial	C
Industrial	I
Protection of Groundwater	PGW

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 8

SOIL BORING EXCEEDANCES - PESTICIDES

Project #
ORFD2301

DATE:
OCTOBER 2025

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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

SB006
SB007
SB004
SB005
SB003
SB001
SB002

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB005 (0-2in)
Acetone	**0.05**	100	100	500	1000	**0.05**	**0.11**

LEGEND

SOIL BORING LOCATION

NYSDEC Part 375 Soil Cleanup Objectives	
Unrestricted Use	UU
Residential	R
Restricted Residential	RR
Commercial	C
Industrial	I
Protection of Groundwater	PGW

GRAPHIC SCALE

60 0 30 60

(IN FEET)

1 inch = 60 ft.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 9

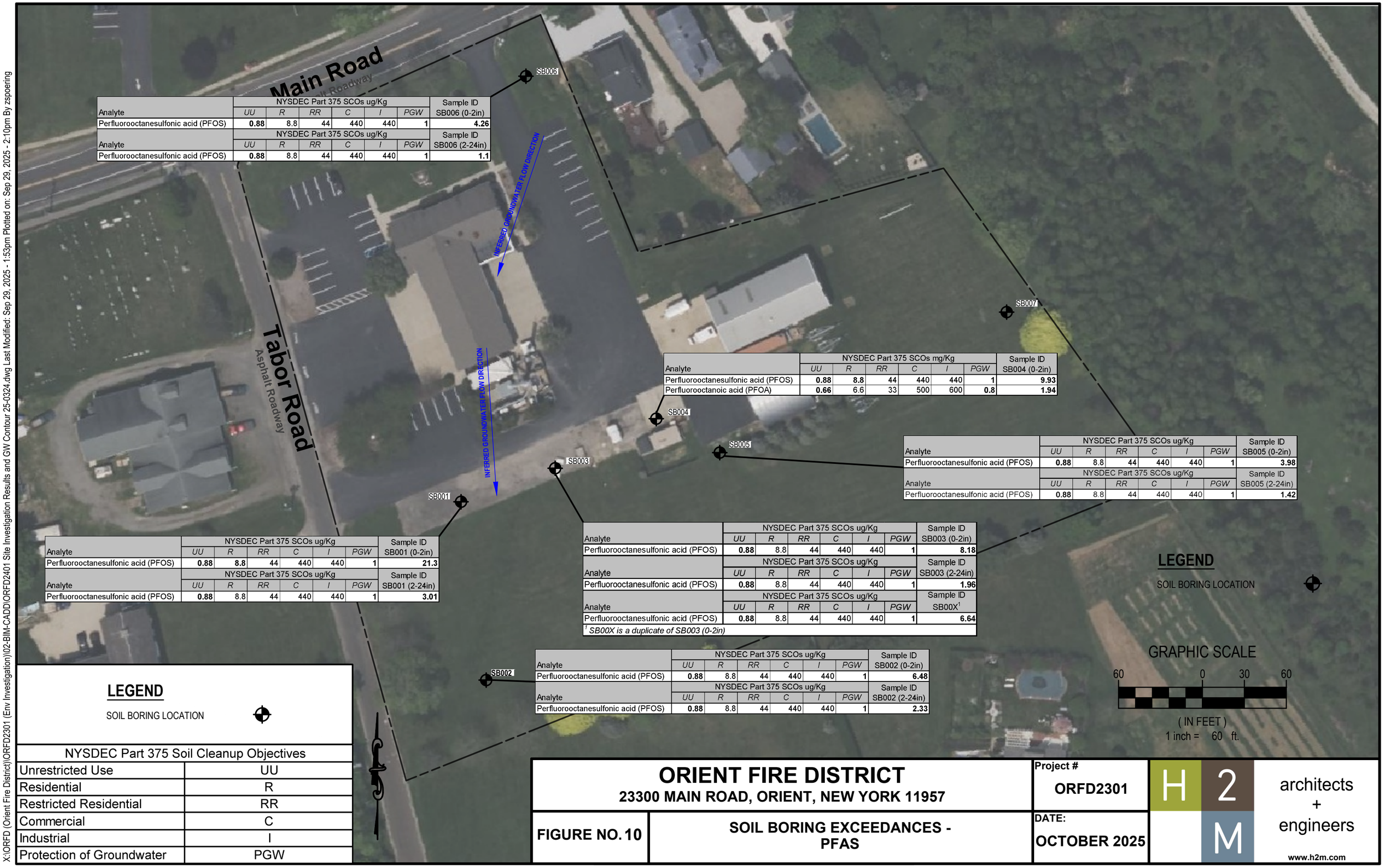
SOIL BORING EXCEEDANCES - VOLATILE ORGANIC COMPOUNDS

Project # ORFD2301

DATE: OCTOBER 2025

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Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB006 (0-2in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**4.26**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB006 (2-24in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**1.1**

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB004 (0-2in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	**8.8**	**44**	440	440	**1**	**9.93**
Perfluorooctanoic acid (PFOA)	**0.66**	6.6	33	500	600	**0.8**	**1.94**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB005 (0-2in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**3.98**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB005 (2-24in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**1.42**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB001 (0-2in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**21.3**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB001 (2-24in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**3.01**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB003 (0-2in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**8.18**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB003 (2-24in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**1.96**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB00X[1]
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**6.64**

[1] *SB00X is a duplicate of SB003 (0-2in)*

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB002 (0-2in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**6.48**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	SB002 (2-24in)
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**2.33**

LEGEND

SOIL BORING LOCATION

GRAPHIC SCALE

60 0 30 60

(IN FEET)

1 inch = 60 ft.

LEGEND

SOIL BORING LOCATION

NYSDEC Part 375 Soil Cleanup Objectives	
Unrestricted Use	UU
Residential	R
Restricted Residential	RR
Commercial	C
Industrial	I
Protection of Groundwater	PGW

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 10

SOIL BORING EXCEEDANCES - PFAS

Project # ORFD2301

DATE: OCTOBER 2025

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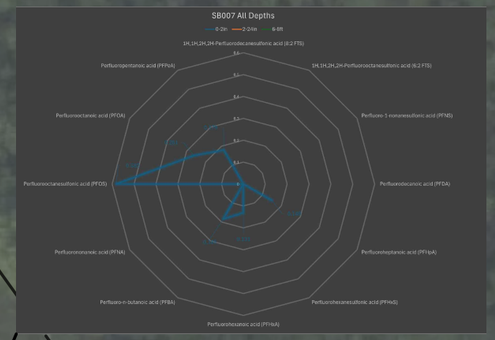
Main Road

Asphalt Roadway

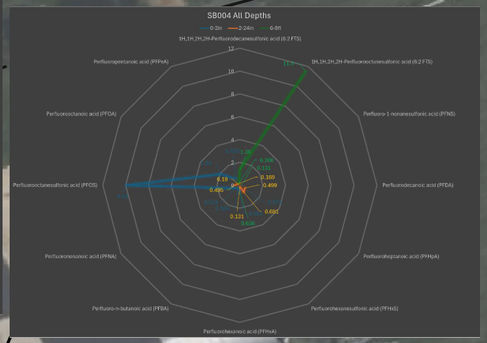
SB006



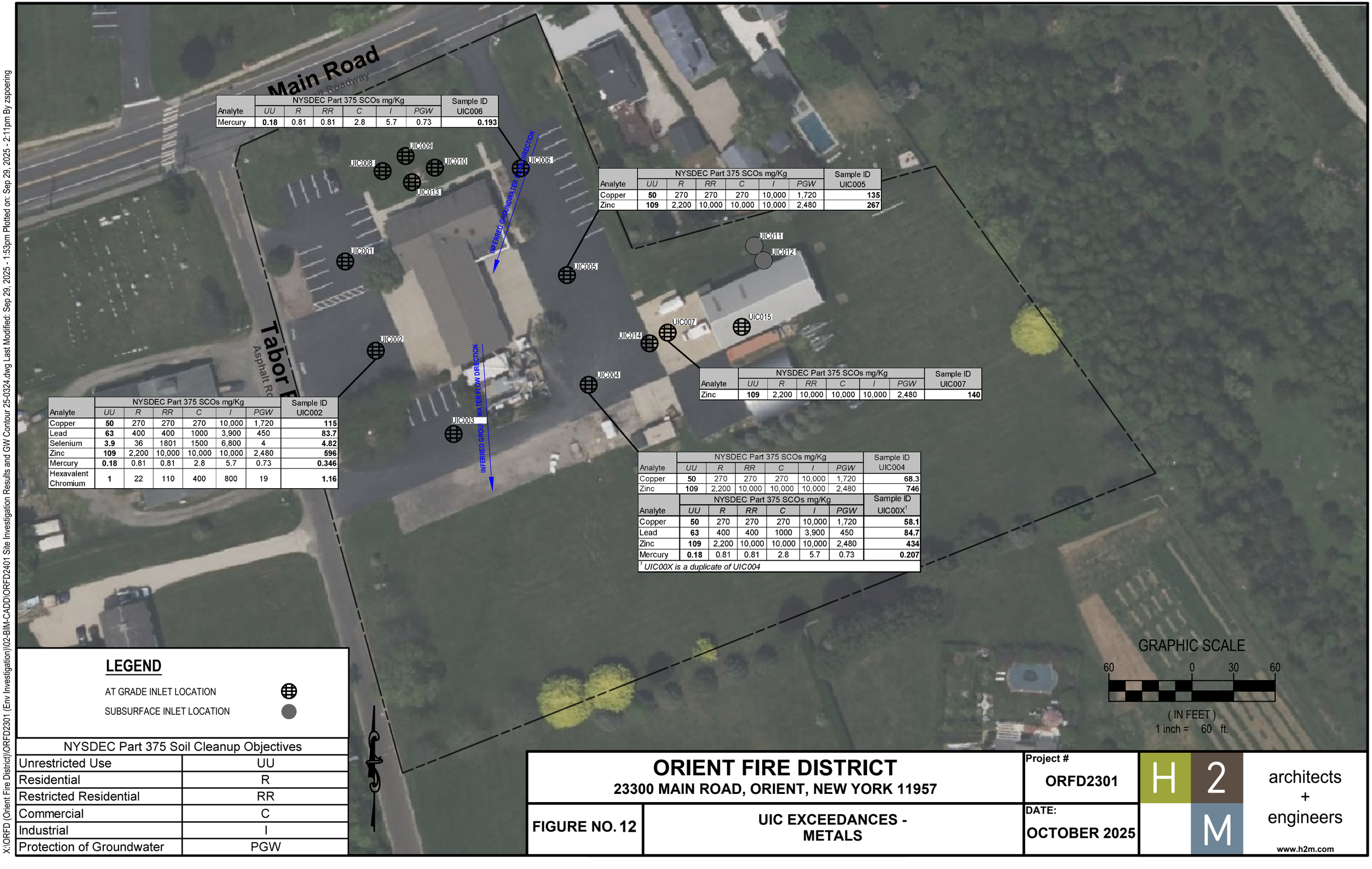
SB007



SB004


SB004 All Depths
0-2in
2-24in
6-8ft
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)
Perfluoro-1-nonanesulfonic acid (PFNS)
Perfluorododecanoic acid (PFDA)
Perfluoroheptanoic acid (PFHpA)
Perfluorohexanesulfonic acid (PFHxS)
Perfluorohexanoic acid (PFHxA)
Perfluoro-n-butanoic acid (PFBA)
Perfluorononanoic acid (PFNA)
Perfluorooctanesulfonic acid (PFOS)
Perfluorooctanoic acid (PFOA)
Perfluoropentanoic acid (PFPeA)
12.9
0.160
0.400
0.691
0.320
0.0456
8.19
0.490
0.0
0.0
0.0

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Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC006
Mercury	**0.18**	0.81	0.81	2.8	5.7	0.73	**0.193**

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC005
Copper	**50**	270	270	270	10,000	1,720	**135**
Zinc	**109**	2,200	10,000	10,000	10,000	2,480	**267**

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC007
Zinc	**109**	2,200	10,000	10,000	10,000	2,480	**140**

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC002
Copper	**50**	270	270	270	10,000	1,720	**115**
Lead	**63**	400	400	1000	3,900	450	**83.7**
Selenium	**3.9**	36	1801	1500	6,800	4	**4.82**
Zinc	**109**	2,200	10,000	10,000	10,000	2,480	**596**
Mercury	**0.18**	0.81	0.81	2.8	5.7	0.73	**0.346**
Hexavalent Chromium	**1**	22	110	400	800	19	**1.16**

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC004
Copper	**50**	270	270	270	10,000	1,720	**68.3**
Zinc	**109**	2,200	10,000	10,000	10,000	2,480	**746**

Analyte	NYSDEC Part 375 SCOs mg/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC00X[1]
Copper	**50**	270	270	270	10,000	1,720	**58.1**
Lead	**63**	400	400	1000	3,900	450	**84.7**
Zinc	**109**	2,200	10,000	10,000	10,000	2,480	**434**
Mercury	**0.18**	0.81	0.81	2.8	5.7	0.73	**0.207**

[1] *UIC00X is a duplicate of UIC004*

LEGEND

AT GRADE INLET LOCATION

SUBSURFACE INLET LOCATION

NYSDEC Part 375 Soil Cleanup Objectives	
Unrestricted Use	UU
Residential	R
Restricted Residential	RR
Commercial	C
Industrial	I
Protection of Groundwater	PGW

GRAPHIC SCALE

60 0 30 60

(IN FEET)

1 inch = 60 ft.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 12

UIC EXCEEDANCES - METALS

Project # ORFD2301

DATE: OCTOBER 2025

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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

UIC001 UIC002 UIC003 UIC004 UIC005 UIC006 UIC007 UIC008 UIC009 UIC010 UIC011 UIC012 UIC013 UIC014 UIC015

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC010
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**1.33**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC005
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**2.4**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC002
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**2.11**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC003
Perfluorooctanesulfonic acid (PFOS)	**0.88**	**8.8**	44	440	440	**1**	**14.5**

Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC004
Perfluorooctanesulfonic acid (PFOS)	**0.88**	**8.8**	44	440	440	**1**	**21.7**
Analyte	NYSDEC Part 375 SCOs ug/Kg						Sample ID
	UU	*R*	*RR*	*C*	*I*	*PGW*	UIC00X[1]
Perfluorooctanesulfonic acid (PFOS)	**0.88**	8.8	44	440	440	**1**	**17.8**

[1] *UIC00X is a duplicate of UIC004*

LEGEND

AT GRADE INLET LOCATION

SUBSURFACE INLET LOCATION

NYSDEC Part 375 Soil Cleanup Objectives	
Unrestricted Use	UU
Residential	R
Restricted Residential	RR
Commercial	C
Industrial	I
Protection of Groundwater	PGW

GRAPHIC SCALE

60 0 30 60

(IN FEET)

1 inch = 60 ft.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 13

UIC EXCEEDANCES - PFAS

Project # ORFD2301

DATE: OCTOBER 2025

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Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

Analyte	NYSDEC TOGS Standards & Guidance Values ug/L Class GA	Sample ID MW001
Manganese	300	892
Sodium	20,000	31,600

Analyte	NYSDEC TOGS Standards & Guidance Values ug/L Class GA	Sample ID MW002
Sodium	20,000	73,600

Analyte	NYSDEC TOGS Standards & Guidance Values ug/L Class GA	Sample ID MW004
Manganese	300	630

MW 001
RIM EL. - 16.15'
MP EL. - 15.79'
GW EL. - 1.28'

MW 002
RIM EL. - 15.69'
MP EL. - 15.12'
GW EL - 1.30'

MW 003
RIM EL. - 15.83'
MP EL. - 15.51'
GW EL - 1.26'

MW 004
RIM EL. - 15.79'
MP EL. - 15.52'
GW EL - 1.25'

1.295
1.290
1.285
1.280
1.275
1.270
1.265
1.260
1.255

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

LEGEND

MONITORING WELL LOCATION

ABBREVIATIONS

DESCRIPTION	ABBREVIATION
MEASURING POINT	MP
GROUNDWATER	GW
ELEVATION	El.

GRAPHIC SCALE
60 0 30 60
(IN FEET)
1 inch = 60 ft.

ORIENT FIRE DISTRICT
23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 14

GROUNDWATER EXCEEDANCES - METALS

Project # ORFD2301

DATE: OCTOBER 2025

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Analyte	NYSDEC TOGS Standards & Guidance Values ug/L Class GA	Sample ID MW002
Dieldrin	**0.004**	**0.00582**

Main Road
Asphalt Roadway

Tabor Road
Asphalt Roadway

MW 002
RIM EL. - 15.69'
MP EL. - 15.12'
GW EL - 1.30'

MW 001
RIM EL. - 16.15'
MP EL. - 15.79'
GW EL - 1.28'

MW 003
RIM EL. - 15.83'
MP EL. - 15.51'
GW EL - 1.26'

MW 004
RIM EL. - 15.79'
MP EL. - 15.52'
GW EL - 1.25'

1.295
1.290
1.285
1.280
1.275
1.270
1.265
1.260
1.255

INFERRED GROUNDWATER FLOW DIRECTION

INFERRED GROUNDWATER FLOW DIRECTION

GRAPHIC SCALE
60 0 30 60
(IN FEET)
1 inch = 60 ft.

LEGEND

MONITORING WELL LOCATION

ABBREVIATIONS

DESCRIPTION	ABBREVIATION
MEASURING POINT	MP
GROUNDWATER	GW
ELEVATION	El.

ORIENT FIRE DISTRICT
23300 MAIN ROAD, ORIENT, NEW YORK 11957

Project # ORFD2301

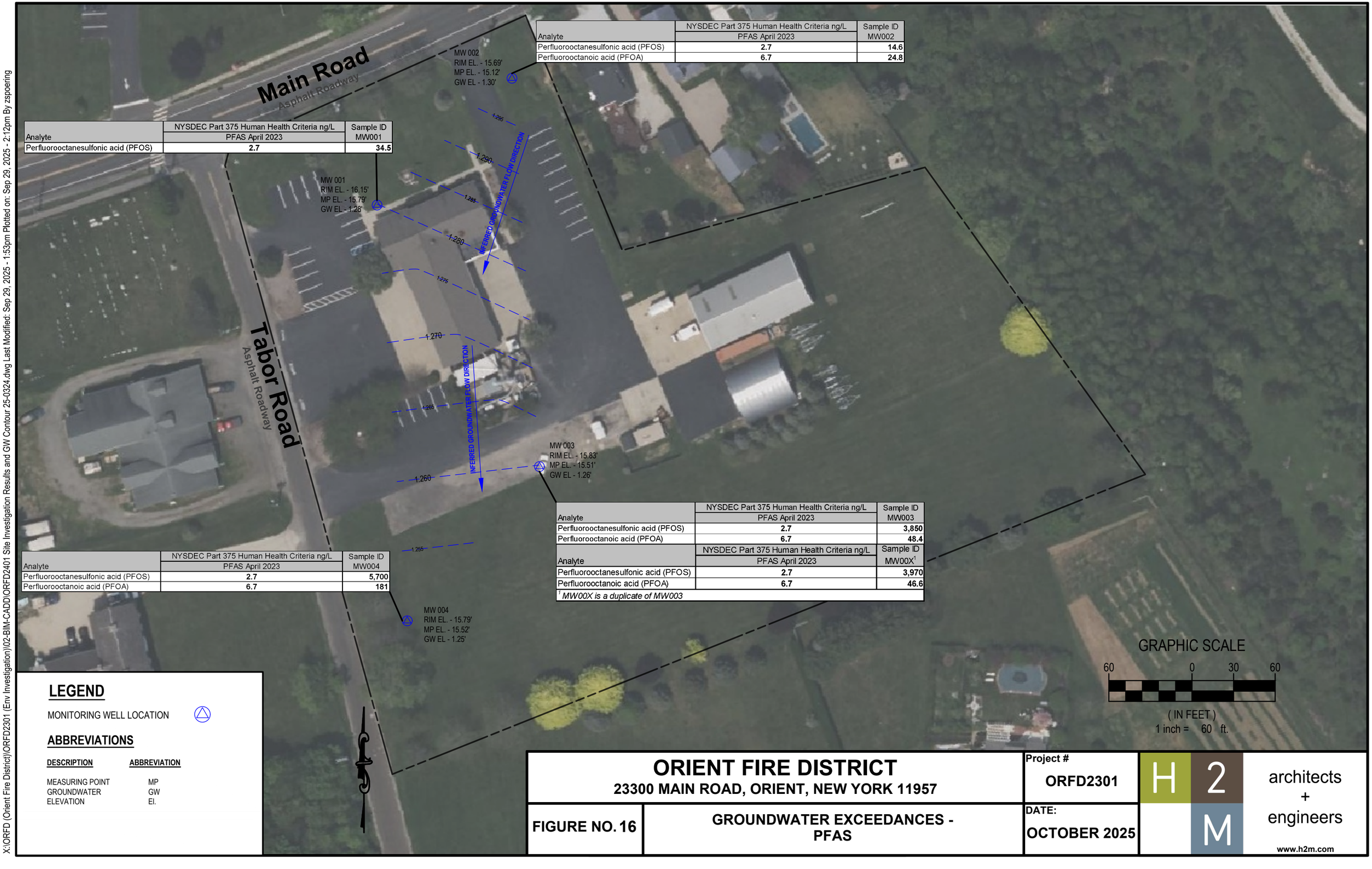
FIGURE NO. 15

GROUNDWATER EXCEEDANCES - PESTICIDES

DATE: OCTOBER 2025

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Analyte	NYSDEC Part 375 Human Health Criteria ng/L PFAS April 2023	Sample ID MW001
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**34.5**

Analyte	NYSDEC Part 375 Human Health Criteria ng/L PFAS April 2023	Sample ID MW002
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**14.6**
Perfluorooctanoic acid (PFOA)	**6.7**	**24.8**

Analyte	NYSDEC Part 375 Human Health Criteria ng/L PFAS April 2023	Sample ID MW003
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**3,850**
Perfluorooctanoic acid (PFOA)	**6.7**	**48.4**

Analyte	NYSDEC Part 375 Human Health Criteria ng/L PFAS April 2023	Sample ID MW00X[1]
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**3,970**
Perfluorooctanoic acid (PFOA)	**6.7**	**46.6**

[1] *MW00X is a duplicate of MW003*

Analyte	NYSDEC Part 375 Human Health Criteria ng/L PFAS April 2023	Sample ID MW004
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**5,700**
Perfluorooctanoic acid (PFOA)	**6.7**	**181**

LEGEND

MONITORING WELL LOCATION

ABBREVIATIONS

DESCRIPTION	ABBREVIATION
MEASURING POINT	MP
GROUNDWATER	GW
ELEVATION	El.

ORIENT FIRE DISTRICT

23300 MAIN ROAD, ORIENT, NEW YORK 11957

FIGURE NO. 16

GROUNDWATER EXCEEDANCES - PFAS

Project # ORFD2301

DATE: OCTOBER 2025

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Main Road
Asphalt Roadway

MW 002
RIM EL. - 15.69'
MP EL. - 15.12'
GW EL - 1.30'

MW 001
RIM EL. - 16.15'
MP EL. - 15.79'
GW EL - 1.28'

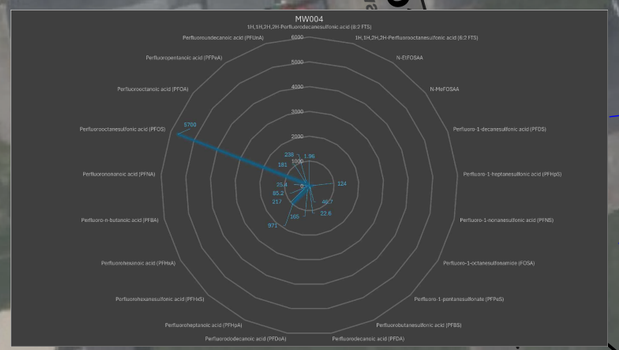
MW 003
RIM EL. - 15.83'
MP EL. - 15.51'
GW EL - 1.26'

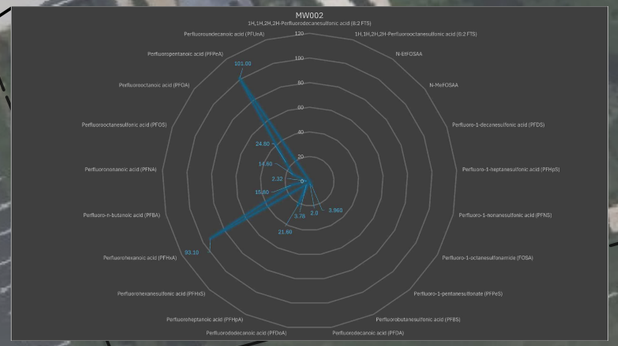
MW 004
RIM EL. - 15.79'
MP EL. - 15.52'
GW EL - 1.25'

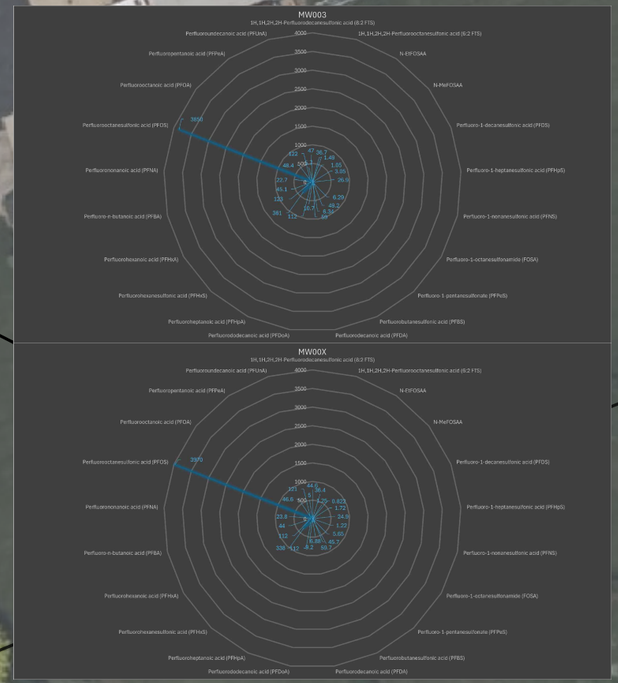
1.295
1.290
1.285
1.280
1.275
1.270
1.265
1.260
1.255

INFERRED GROUNDWATER FLOW DIRECTION









GRAPHIC SCALE
60 0 30 60
(IN FEET)
1 inch = 60 ft.

LEGEND

MONITORING WELL LOCATION

ABBREVIATIONS

DESCRIPTION	ABBREVIATION
MEASURING POINT	MP
GROUNDWATER	GW
ELEVATION	El.

ORIENT FIRE DISTRICT
23300 MAIN ROAD, ORIENT, NEW YORK 11957

Project # ORFD2301

FIGURE NO. 17

GROUNDWATER - PFAS RADAR GRAPHS

DATE: OCTOBER 2025

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Table 1
Characteristics of Investigated UIC Structures
Orient Fire District
NYSDEC Site: 152273
23300 Main Road
Orient, New York 11957

UIC Structure Designation	Diameter	Construction	Depth to Water	Depth to Sediment	Vertical Measurement of Standing Water	Depth To Bottom	PID Reading (initial sampling)	Notes
UIC001	8ft	Pre-cast concrete	NA	14ft	NA	14ft	0	Open grate at-grade parking lot stormwater drywell. Bottom sediment sample noted with black coarse sand & silt with organic material. No unusual odors detected. Connected to UIC002.
UIC002	8ft	Pre-cast concrete	NA	14ft	NA	14ft	0	Open grate at-grade parking lot stormwater drywell. Bottom sediment sample noted with black/dark brown coarse sand & silt. No unusual odors detected. Connected to UIC001 and UIC003.
UIC003	8ft	Pre-cast concrete	NA	12ft	NA	12ft	0.3	Open grate at-grade parking lot stormwater drywell. Bottom sediment sample noted with dark brown silty sand, and sheen on darker sediment. No unusual odors detected. Connected to UIC002 and UIC004.
UIC004	8ft	Pre-cast concrete	10ft	12.5ft	2.5ft	12.5ft	0	Open grate at-grade parking lot stormwater drywell. Bottom sediment sample noted with dark gray medium sand, hydrocarbon-like odor and slight sheen. Connected to UIC003 and UIC005.
UIC005	8ft	Pre-cast concrete	11ft	12ft	1ft	12ft	0	Open grate at-grade parking lot stormwater drywell. Bottom sediment sample noted with dark brown medium sand and silt, with slight sheen and odor. Connected to UIC004 and UIC006.
UIC006	8ft	Pre-cast concrete	NA	14ft	NA	14ft	0	Open grate at-grade parking lot stormwater drywell. Bottom sediment sample noted with gray silt. No unusual odors detected. Connected to UIC005.
UIC007	8ft	Pre-cast concrete	NA	10ft	NA	10ft	0	Open grate at-grade parking lot stormwater drywell. Bottom sediment sample noted with brown medium grain sand. No unusual odors detected. Receives influent from UIC014 and UIC015.
UIC008	8ft	Pre-cast concrete	12ft	12.5ft	0.5ft	12.5ft	0	At grade solid steel cover sanitary cesspool for main firehouse building. Based upon visual inspection, appeared to be receiving effluent from septic tank. Bottom sediment noted with black/dark gray medium grain sand. Slight septic odor noted.
UIC009	8ft	Pre-cast concrete	NA	13.5ft	NA	13.5ft	0	At grade solid steel cover sanitary cesspool for main firehouse building. Light brown medium grain sand; no standing water and no sanitary/septic odor observed.
UIC010	8ft	Pre-cast concrete	NA	13ft	NA	13ft	0	At grade solid steel cover sanitary cesspool for main firehouse building. Light brown medium grain sand with rocks; no standing water and no sanitary/septic odor observed.
UIC011	8ft	Pre-cast concrete	NA	11ft	NA	11ft	0	Primary cesspool connected to sanitary septic tank at north side of annex building. No secondary cesspool noted on site plans or identified during geophysical survey. Reddish black medium grain sand with strong septic odor. Concrete cover buried approximately 18 inches bgs.
UIC012	8ft	Pre-cast concrete	3ft	7.3ft	4.3ft	7.3ft	0	Septic tank for annex building. No sludges present at time of sampling. Concrete cover buried approximately 12 inches bgs.
UIC013	UNK	UNK	UNK	UNK	UNK	UNK	UNK	Sanitary structure with at-grade solid cover partially covered by a planter and access was not available. Based on geophysical survey and site plans reviewed, structure likely installed as sanitary septic tank for main firehouse building.
UIC014	3ft	Pre-cast concrete	NA	NA	NA	3ft	NA	At-grade open grate solid bottom stormwater catch basin. Connected to UIC007. No sediment present at time of sampling.
UIC015	3ft	Pre-cast concrete	NA	NA	NA	3ft	NA	At-grade open grate solid bottom stormwater catch basin installed for use as large interior floor drain within annex building fire department vehicle parking garage. Connected to UIC007. No sediment present at time of sampling.

Notes:
NA - Not Applicable / Not Available
ft - feet
in - inches
PID (ppm) - Photoionization detector reading of bottom sediment/sludge sample in parts per million
Unk - Unknown

Table 2
Air Sample Analytical Results - TO15
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDOH Decision Matrices Sub-Slab Soil Vapor Screening Values	NYSDOH Decision Matrices Indoor Air Screening Values	SV001		SV00X[1]		IA001		OA001	
York ID				25A0694-01		25A0694-02		25A0694-03		25A0694-04	
Sampling Date				1/10/2025 8:37:00 AM		1/10/2025 8:38:00 AM		1/10/2025 8:40:00 AM		1/10/2025 8:35:00 AM	
Matrix				Soil Vapor		Soil Vapor		Indoor Ambient Air		Outdoor Ambient Air	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor				195.21		592.79		0.866		0.811	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	9.4	U	1.1	U	0.59	U	0.56	U
1,1,1-Trichloroethane	71-55-6	100	10	7.4	U	0.84	U	0.47	U	0.44	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	9.4	U	1.1	U	0.59	U	0.56	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	10	U	1.2	U	0.66	U	0.62	U
1,1,2-Trichloroethane	79-00-5	~	~	7.4	U	0.84	U	0.47	U	0.44	U
1,1-Dichloroethane	75-34-3	~	~	5.5	U	0.63	U	0.35	U	0.33	U
1,1-Dichloroethylene	75-35-4	6	0.2	1.4	U	0.15	U	0.086	U	0.08	U
1,2,4-Trichlorobenzene	120-82-1	~	~	10	U	1.1	U	0.64	U	0.6	U
1,2,4-Trimethylbenzene	95-63-6	60	2	6.7	U	0.76	U	0.43	U	0.4	U
1,2-Dibromoethane	106-93-4	~	~	10	U	1.2	U	0.67	U	0.62	U
1,2-Dichlorobenzene	95-50-1	~	~	8.2	U	1.5	D	0.52	U	0.49	U
1,2-Dichloroethane	107-06-2	~	~	5.5	U	0.63	U	0.35	U	0.33	U
1,2-Dichloropropane	78-87-5	~	~	6.3	U	0.71	U	0.4	U	0.37	U
1,2-Dichlorotetrafluoroethane	76-14-2	~	~	9.5	U	1.1	U	0.61	U	0.57	U
1,3,5-Trimethylbenzene	108-67-8	60	2	6.7	U	0.76	U	0.43	U	0.4	U
1,3-Butadiene	106-99-0	~	~	9	U	1	U	0.57	U	0.54	U
1,3-Dichlorobenzene	541-73-1	~	~	8.2	U	0.93	U	0.52	U	0.49	U
1,3-Dichloropropane	142-28-9	~	~	6.3	U	0.71	U	0.4	U	0.37	U
1,4-Dichlorobenzene	106-46-7	~	~	8.2	U	0.93	U	0.52	U	0.49	U
1,4-Dioxane	123-91-1	~	~	9.8	U	1.1	U	0.62	U	0.58	U
2,2,4-Trimethylpentane	540-84-1	60	2	3.8	D	0.36	U	3.3	D	0.19	J
2-Butanone	78-93-3	~	~	6	D	10	D	0.38	D	0.6	D
2-Hexanone	591-78-6	~	~	11	U	1.3	U	0.71	U	0.66	U
3-Chloropropene	107-05-1	~	~	21	U	2.4	U	1.4	U	1.3	U
4-Methyl-2-pentanone	108-10-1	~	~	5.6	U	5.5	D	0.82	D	0.33	U
Acetone	67-64-1	~	~	150	D	250	D	15	D	2.9	D
Acrylonitrile	107-13-1	~	~	38	J	14	D	28	D	17	D
Benzene	71-43-2	60	2	4.4	U	2.3	D	0.55	D	0.44	D
Benzyl chloride	100-44-7	~	~	7.1	U	0.8	U	0.45	U	0.42	U
Bromodichloromethane	75-27-4	~	~	9.1	U	1	U	0.58	U	0.54	U
Bromoform	75-25-2	~	~	14	U	1.6	U	0.9	U	0.84	U
Bromomethane	74-83-9	~	~	5.3	U	0.6	U	0.34	U	0.31	U
Carbon disulfide	75-15-0	~	~	4.2	U	0.48	U	0.27	U	0.25	U
Carbon tetrachloride	56-23-5	6	0.2	2.1	U	0.24	U	0.33	D	0.41	D
Chlorobenzene	108-90-7	~	~	6.3	U	3.1	D	0.4	U	0.37	U
Chloroethane	75-00-3	~	~	3.6	U	0.41	U	0.23	U	0.21	U
Chloroform	67-66-3	~	~	6.7	U	0.75	U	0.42	U	0.4	U
Chloromethane	74-87-3	~	~	2.8	U	0.32	U	1.2	D	1.4	D
cis-1,2-Dichloroethylene	156-59-2	6	0.2	1.4	U	0.15	U	0.086	U	0.08	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	6.2	U	0.7	U	0.39	U	0.37	U
Cyclohexane	110-82-7	60	2	4.7	U	0.53	U	0.3	U	0.28	U
Dibromochloromethane	124-48-1	~	~	12	U	1.3	U	0.74	U	0.69	U
Dichlorodifluoromethane (Freon-12)	75-71-8	~	~	44000	D	100,000	D	6.9	D	11	D
Ethyl acetate	141-78-6	~	~	9.8	U	1.1	U	0.62	D	0.99	D
Ethyl Benzene	100-41-4	60	2	5.9	U	8.8	D	0.38	U	0.35	U
Hexachlorobutadiene	87-68-3	~	~	15	U	1.6	U	0.92	U	0.86	U
Isopropanol	67-63-0	~	~	20	D	20	D	4.9	D	1.2	U
Methyl Methacrylate	80-62-6	~	~	5.6	U	0.63	U	0.5	D	0.33	U
Methyl tert-butyl ether (MTBE)	1634-04-4	~	~	4.9	U	0.56	U	0.31	U	0.29	U
Methylene chloride	75-09-2	100	3	28	J	3.2	U	1.8	J	1.7	J
Naphthalene	91-20-3	60	2	14	U	1.6	U	0.91	U	0.85	U
n-Heptane	142-82-5	200	6	5.6	U	0.63	U	0.75	D	0.33	U
n-Hexane	110-54-3	200	6	4.8	U	0.54	U	0.31	D	0.29	U
o-Xylene	95-47-6	60	2	5.9	U	1.5	D	0.38	U	0.35	U
p- & m- Xylenes	179601-23-1	200	6	12	U	2.8	D	0.75	U	0.7	U
p-Ethyltoluene	622-96-8	~	~	6.7	U	0.76	U	0.43	U	0.4	U
Propylene	115-07-1	~	~	2.3	U	0.27	U	0.15	U	0.14	U
Styrene	100-42-5	~	~	24	D	73	D	0.37	U	0.35	U
Tetrachloroethylene	127-18-4	100	3	9.2	U	1	U	0.59	U	0.55	U
Tetrahydrofuran	109-99-9	~	~	8	U	0.91	U	0.51	U	0.48	U
Toluene	108-88-3	300	10	9.2	D	9.4	D	5.2	D	0.43	D
trans-1,2-Dichloroethylene	156-60-5	~	~	5.4	U	0.61	U	0.34	U	0.32	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	6.2	U	0.7	U	0.39	U	0.37	U
Trichloroethylene	79-01-6	6	0.2	1.8	U	0.58	D	0.12	U	0.11	U
Trichlorofluoromethane (Freon 11)	75-69-4	~	~	7.7	U	1.5	D	1.2	D	1.3	D
Vinyl acetate	108-05-4	~	~	4.8	U	0.54	U	0.3	U	0.29	U
Vinyl bromide	593-60-2	~	~	6	U	0.68	U	0.38	U	0.35	U
Vinyl Chloride	75-01-4	6	0.2	1.7	U	0.2	U	0.11	U	0.1	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]Sample SV00X is a duplicate of SV001
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3
Soil Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS ProtectionOfGW-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Residential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS RestrictedResidential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Industrial-Apr2023	SB001 (O-2 IN) 25A0380-01 1/7/2025 8:50:00 AM Soil		SB001(2 IN-24IN) 25A0380-02 1/7/2025 8:55:00 AM Soil		SB001 (6-8 FT) 25A0380-03 1/7/2025 8:58:00 AM Soil		SB002 (0-2IN) 25A0380-04 1/7/2025 9:28:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.374	U	0.32	U	0.351	U	0.383	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.909	U	0.776	U	0.852	U	0.929	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.716	U	0.612	U	0.671	U	0.732	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.903	U	0.771	U	0.846	U	0.923	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.81	U	1.54	U	1.69	U	1.85	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.53	U	2.16	U	2.37	U	2.58	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.763	U	0.652	U	0.715	U	0.78	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.296	U	0.253	U	0.278	U	0.303	U
ADONA	919005-14-4	~	~	~	~	~	~	0.209	U	0.179	U	0.196	U	0.214	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.732	U	0.625	U	0.686	U	0.748	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.238	U	0.203	U	0.223	U	0.244	U
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.234	U	0.199	U	0.219	U	0.239	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.839	U	0.716	U	0.787	U	0.858	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.217	U	0.185	U	0.203	U	0.221	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.178	U	0.152	U	0.167	U	0.182	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.736	U	0.628	U	0.69	U	0.752	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.167	U	0.143	U	0.157	U	0.171	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.23	U	0.196	U	0.216	U	0.235	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.187	U	0.159	U	0.175	U	0.191	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.31		0.127	U	0.14	U	0.153	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.176	U	0.15	U	0.165	U	0.18	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.189	U	0.161	U	0.177	U	0.193	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.232	U	0.198	U	0.218	U	0.237	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0746	U	0.0637	U	0.07	U	0.0763	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.116	U	0.0987	U	0.108	U	0.118	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.134	U	0.114	U	0.125	U	0.137	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.331		0.196	U	0.216	U	0.235	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.203	U	0.174	U	0.191	U	0.208	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.196	U	0.168	U	0.184	U	0.201	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.516		0.108	U	0.118	U	0.129	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.237		0.184	U	0.202	U	0.22	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.354		0.0545	U	0.0598	U	0.0652	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.131	U	0.112	U	0.123	U	0.134	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	3.06		0.194	U	0.213	U	0.233	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.0	0.88	8.8	44	440	440	**21.3**		**3.01**		0.235		**6.48**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.8	0.66	6.6	33	500	600	0.252		0.177	U	0.194	U	0.212	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.78		0.112	U	0.123	U	0.148	J
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.124	U	0.106	U	0.116	U	0.127	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.151	U	0.128	U	0.141	U	0.154	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.238	U	0.203	U	0.223	U	0.244	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 3
Soil Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Matrix		NYSDEC Part 375 RemedialSoil Guidance PFAS ProtectionOfGW-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Residential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS RestrictedResidential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Industrial-Apr2023	SB002 (2 IN -24 IN) 25A0380-05 1/7/2025 9:31:00 AM Soil		SB002 (6 - 8 FT) 25A0380-06 1/7/2025 9:34:00 AM Soil		SB003 (0- 2IN) 25A0380-07 1/7/2025 10:15:00 AM Soil		SB003 (2 IN- 24IN) 25A0380-08 1/7/2025 10:22:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	SB003 (0- 2IN)	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.327	U	0.346	U	0.343	U	0.346	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.793	U	0.839	U	0.833	U	0.84	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.625	U	0.661	U	0.656	U	0.662	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.787	U	0.834	U	0.827	U	0.834	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.57	U	1.67	U	1.65	U	1.67	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.2	U	2.33	U	2.31	U	2.33	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.666	U	0.705	U	0.699	U	0.705	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.258	U	0.273	U	0.271	U	0.274	U
ADONA	919005-14-4	~	~	~	~	~	~	0.183	U	0.193	U	0.192	U	0.193	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.638	U	0.676	U	0.671	U	0.676	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.208	U	0.22	U	0.218	U	0.22	U
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.204	U	0.216	U	0.214	U	0.216	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.732	U	0.775	U	0.769	U	0.775	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.189	U	0.2	U	0.199	U	0.2	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.155	U	0.165	U	0.163	U	0.165	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.642	U	0.679	U	0.674	U	0.679	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.146	U	0.155	U	0.153	U	0.155	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.201	U	0.212	U	0.211	U	0.212	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.163	U	0.172	U	0.171	U	0.172	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.13	U	0.138	U	0.137	U	0.138	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.153	U	0.162	U	0.161	U	0.162	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.165	U	0.175	U	0.173	U	0.175	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.203	U	0.215	U	0.213	U	0.215	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0651	U	0.0689	U	0.0684	U	0.0689	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.101	U	0.107	U	0.106	U	0.107	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.117	U	0.123	U	0.122	U	0.123	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.201	U	0.212	U	0.211	U	0.212	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.177	U	0.188	U	0.186	U	0.188	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.171	U	0.181	U	0.18	U	0.181	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.1	U	0.117	U	0.116	U	0.117	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.188	U	0.199	U	0.197	U	0.199	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0556	U	0.0589	U	0.0585	U	0.0589	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.114	U	0.121	U	0.12	U	0.121	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.198	U	0.21	U	0.209	U	0.21	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.0	0.88	8.8	44	440	440	**2.33**		0.186	U	**8.18**		**1.96**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.8	0.66	6.6	33	500	600	0.189	J	0.191	U	0.19	U	0.191	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.114	U	0.121	U	0.12	U	0.121	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.108	U	0.114	U	0.114	U	0.115	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.131	U	0.139	U	0.138	U	0.139	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.208	U	0.22	U	0.218	U	0.22	U

NOTES:

Any Regulatory Exceedences are highlighted and bolded

[1]Sample SB00X is a duplicate of SB003 (0-2in)

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

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

Table 3
Soil Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 RemedialSoil Guidance PFAS ProtectionOfGW-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Residential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS RestrictedResidential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Industrial-Apr2023	SB003 (6 - 8FT)		SB00X[1]		SB004 (0- 2IN)		SB004 (2 IN-24 IN)	
York ID								25A0380-09		25A0380-10		25A0380-11		25A0380-12	
Sampling Date								1/7/2025 10:25:00 AM		1/7/2025 10:18:00 AM		1/7/2025 10:45:00 AM		1/7/2025 10:50:00 AM	
Matrix								Soil		Soil		Soil		Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.315	U	0.347	U	0.351	U	0.321	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.765	U	0.843	U	0.852	U	0.78	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.603	U	0.665	U	0.672	U	0.615	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.76	U	0.838	U	0.847	U	0.775	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.52	U	1.68	U	1.69	U	1.55	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.12	U	2.34	U	2.37	U	2.17	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.642	U	0.708	U	0.716	U	0.655	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.249	U	0.275	U	0.278	U	0.254	U
ADONA	919005-14-4	~	~	~	~	~	~	0.176	U	0.194	U	0.196	U	0.18	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.616	U	0.679	U	0.686	U	0.628	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.201	U	0.221	U	0.223	U	0.205	U
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.196	U	0.217	U	0.219	U	0.2	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.706	U	0.779	U	0.787	U	0.72	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.182	U	0.201	U	0.203	U	0.186	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.15	U	0.165	U	0.167	U	0.153	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.619	U	0.683	U	0.69	U	0.631	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.141	U	0.155	U	0.157	U	0.144	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.193	U	0.213	U	0.216	U	0.197	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.157	U	0.173	U	0.175	U	0.16	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.126	U	0.139	U	0.14	U	0.128	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.148	U	0.163	U	0.165	U	0.151	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.159	U	0.175	U	0.177	U	0.162	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.195	U	0.216	U	0.218	U	0.199	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0628	U	0.0693	U	0.07	U	0.0641	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.0972	U	0.107	U	0.108	U	0.0992	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.112	U	0.124	U	0.125	U	0.115	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.193	U	0.213	U	0.216	U	0.197	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.171	U	0.189	U	0.191	U	0.175	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.165	U	0.182	U	0.184	U	0.168	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.106	U	0.117	U	0.872		0.499	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.181	U	0.2	U	0.202	U	0.681	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0537	U	0.0633	J	0.551		0.131	J
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.11	U	0.122	U	0.265	J	0.113	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.191	U	0.211	U	0.519		0.195	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.0	0.88	8.8	44	440	440	0.169	U	**6.64**		**9.93**		0.495	
Perfluorooctanoic acid (PFOA)	335-67-1	0.8	0.66	6.6	33	500	600	0.174	U	0.192	U	**1.94**		0.19	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.11	U	0.122	U	0.628		0.169	J
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.104	U	0.115	U	0.116	U	0.106	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.127	U	0.14	U	0.141	U	0.129	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.201	U	0.221	U	0.223	U	0.205	U

NOTES:

Any Regulatory Exceedences are highlighted and bolded

[1]Sample SB00X is a duplicate of SB003 (0-2in)

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

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

Table 3
Soil Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 RemedialSoil Guidance PFAS ProtectionOfGW-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Residential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS RestrictedResidential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Industrial-Apr2023	SB004 (6- 8 FT)		SB005 (0- 2IN)		SB005 (2 IN-24 IN)		SB005 (6- 8FT)	
York ID								25A0380-13		25A0380-14		25A0380-15		25A0380-16	
Sampling Date								1/7/2025 10:55:00 AM		1/7/2025 2:05:00 PM		1/7/2025 2:08:00 PM		1/7/2025 2:10:00 PM	
Matrix								Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.315	U	0.36	U	0.348	U	0.317	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	1.36		0.874	U	0.844	U	0.77	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.602	U	0.688	U	0.665	U	0.607	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	11.5		0.868	U	0.838	U	0.765	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.52	U	1.74	U	1.68	U	1.53	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.12	U	2.43	U	2.34	U	2.14	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.642	U	0.734	U	0.709	U	0.647	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.249	U	0.285	U	0.275	U	0.251	U
ADONA	919005-14-4	~	~	~	~	~	~	0.176	U	0.201	U	0.194	U	0.177	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.616	U	0.703	U	0.679	U	0.62	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.2	U	0.229	U	0.221	U	0.202	U
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.196	U	0.224	U	0.217	U	0.198	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.706	U	0.806	U	0.779	U	0.711	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.182	U	0.208	U	0.201	U	0.184	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.15	U	0.171	U	0.165	U	0.151	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.619	U	0.707	U	0.683	U	0.623	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.141	U	0.161	U	0.155	U	0.142	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.193	U	0.221	U	0.213	U	0.195	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.157	U	0.179	U	0.173	U	0.158	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.126	U	0.143	U	0.139	U	0.126	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.148	U	0.169	U	0.163	U	0.149	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.159	U	0.182	U	0.175	U	0.16	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.195	U	0.223	U	0.216	U	0.197	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0628	U	0.0717	U	0.0693	U	0.0632	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.0972	U	0.111	U	0.107	U	0.0979	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.112	U	0.128	U	0.124	U	0.113	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.193	U	0.418		0.213	U	0.195	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.171	U	0.196	U	0.189	U	0.172	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.165	U	0.189	U	0.182	U	0.166	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.131	J	0.251		0.139	J	0.107	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.181	U	0.207	U	0.2	U	0.183	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.636		0.234		0.143	J	0.0541	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.11	U	0.126	U	0.122	U	0.111	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.191	U	1.16		1.14		0.193	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.0	0.88	8.8	44	440	440	0.169	U	**3.98**		**1.42**		0.17	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.8	0.66	6.6	33	500	600	0.174	U	0.596		0.248		0.175	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.206	J	0.44	J	0.173	J	0.111	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.104	U	0.119	U	0.115	U	0.105	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.127	U	0.145	U	0.14	U	0.127	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.2	U	0.571		0.221	U	0.202	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
Soil Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB001 (O-2 IN)		SB001(2 IN-24IN)		SB001 (6-8 FT)		SB002 (0-2IN)		SB002 (2 IN -24 IN)		SB002 (6 - 8 FT)	
York ID								25A0380-01		25A0380-02		25A0380-03		25A0380-04		25A0380-05		25A0380-06	
Sampling Date								1/7/2025 8:50:00 AM		1/7/2025 8:55:00 AM		1/7/2025 8:58:00 AM		1/7/2025 9:28:00 AM		1/7/2025 9:31:00 AM		1/7/2025 9:34:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.064	U	0.041	U	0.058	U	0.053	U	0.047	U	0.058	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.0064	U	0.0041	U	0.0058	U	0.0053	U	0.0047	U	0.0058	U
Acrolein	107-02-8	~	~	~	~	~	~	0.0064	U	0.0041	U	0.0058	U	0.0053	U	0.0047	U	0.0058	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Bromoform	75-25-2	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Methyl acetate	79-20-9	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0040	J
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1,000	0.93	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.0064	U	0.0041	U	0.0058	U	0.0053	U	0.0047	U	0.0058	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.0064	U	0.0041	U	0.0058	U	0.0053	U	0.0047	U	0.0058	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Styrene	100-42-5	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.0032	U	0.002	U	0.0029	U	0.0026	U	0.0024	U	0.0029	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.0095	U	0.0061	U	0.0086	U	0.0079	U	0.0071	U	0.0087	U
Volatile Organics, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1		1		1	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U	0	U	0	U

NOTES:
Any Regulatory Exceedences are highlighted & bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
Soil Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB001 (O-2 IN)		SB001(2 IN-24IN)		SB001 (6-8 FT)		SB002 (0-2IN)		SB002 (2 IN -24 IN)		SB002 (6 - 8 FT)	
York ID								25A0380-01		25A0380-02		25A0380-03		25A0380-04		25A0380-05		25A0380-06	
Sampling Date								1/7/2025 8:50:00 AM		1/7/2025 8:55:00 AM		1/7/2025 8:58:00 AM		1/7/2025 9:28:00 AM		1/7/2025 9:31:00 AM		1/7/2025 9:34:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.02	U	0.019	U	0.019	U	0.019	U	0.0192	U	0.0192	U
Semi-Volatiles, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								2		2		2		2		2		2	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U	0	U	0	U
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2-Chlorophenol	95-57-8	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.33	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
2-Nitroaniline	88-74-4	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
2-Nitrophenol	88-75-5	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
3- & 4-Methylphenols	65794-96-9	0.33	34	100	500	1,000	0.33	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
3-Nitroaniline	99-09-2	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
4-Chloroaniline	106-47-8	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
4-Nitroaniline	100-01-6	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
4-Nitrophenol	100-02-7	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
Acenaphthene	83-32-9	20	100	100	500	1,000	98	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	107	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Acetophenone	98-86-2	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Aniline	62-53-3	~	~	~	~	~	~	0.201	U	0.171	U	0.188	U	0.203	U	0.173	U	0.186	U
Anthracene	120-12-7	100	100	100	500	1,000	1,000	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Atrazine	1912-24-9	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzaldehyde	100-52-7	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzidine	92-87-5	~	~	~	~	~	~	0.201	U	0.171	U	0.188	U	0.203	U	0.173	U	0.186	U
Benzo(a)anthracene	56-55-3	1	1	1	5.6	11	1	0.0502	U	0.0545	JD	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzo(a)pyrene	50-32-8	1	1	1	1	1.1	22	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	1.7	0.0502	U	0.0456	JD	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	1,000	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	1.7	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzoic acid	65-85-0	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzyl alcohol	100-51-6	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Caprolactam	105-60-2	~	~	~	~	~	~	0.1	U	0.0852	U	0.0939	U	0.101	U	0.0863	U	0.0928	U
Carbazole	86-74-8	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Chrysene	218-01-9	1	1	3.9	56	110	1	0.0502	U	0.049	JD	0.047	U	0.0508	U	0.0433	U	0.0465	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	1,000	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Dibenzofuran	132-64-9	7	14	59	350	1,000	210	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Diethyl phthalate	84-66-2	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Fluoranthene	206-44-0	100	100	100	500	1,000	1,000	0.0502	U	0.103	D	0.047	U	0.0508	U	0.0433	U	0.0465	U
Fluorene	86-73-7	30	100	100	500	1,000	386	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	3.2	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Hexachloroethane	67-72-1	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	8.2	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Isophorone	78-59-1	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Naphthalene	91-20-3	12	100	100	500	1,000	12	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Nitrobenzene	98-95-3	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	~	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	0.8	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Phenanthrene	85-01-8	100	100	100	500	1,000	1,000	0.0502	U	0.0456	JD	0.047	U	0.0508	U	0.0433	U	0.0465	U
Phenol	108-95-2	0.33	100	100	500	1,000	0.33	0.0502	U	0.0427	U	0.047	U	0.0508	U	0.0433	U	0.0465	U
Pyrene	129-00-0	100	100	100	500	1,000	1,000	0.0502	U	0.0817	JD	0.047	U	0.0508	U	0.0433	U	0.0465	U

NOTES:
Any Regulatory Exceedences are highlighted & bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
Soil Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB003 (0- 2IN)		SB003 (2 IN- 24IN)		SB003 (6 - 8FT)		SB00X[1]		SB004 (0- 2IN)		SB004 (2 IN-24 IN)	
York ID								25A0380-07		25A0380-08		25A0380-09		25A0380-10		25A0380-11		25A0380-12	
Sampling Date								1/7/2025 10:15:00 AM		1/7/2025 10:22:00 AM		1/7/2025 10:25:00 AM		1/7/2025 10:18:00 AM		1/7/2025 10:45:00 AM		1/7/2025 10:50:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.048	U	0.05	U	0.042	U	0.043	U	0.043	U	0.065	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.0048	U	0.005	U	0.0042	U	0.0043	U	0.0043	U	0.0065	U
Acrolein	107-02-8	~	~	~	~	~	~	0.0048	U	0.005	U	0.0042	U	0.0043	U	0.0043	U	0.0065	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Bromoform	75-25-2	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Methyl acetate	79-20-9	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1,000	0.93	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.0048	U	0.005	U	0.0042	U	0.0043	U	0.0043	U	0.0065	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.0048	U	0.005	U	0.0042	U	0.0043	U	0.0043	U	0.0065	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Styrene	100-42-5	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.0024	U	0.0025	U	0.0021	U	0.0021	U	0.0022	U	0.0032	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.0072	U	0.0076	U	0.0063	U	0.0064	U	0.0065	U	0.0097	U
Volatile Organics, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1		1		1	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U	0	U	0	U

NOTES:
Any Regulatory Exceedences are highlighted & bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used fo
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
Soil Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB003 (0- 2IN)		SB003 (2 IN- 24IN)		SB003 (6 - 8FT)		SB00X[1]		SB004 (0- 2IN)		SB004 (2 IN-24 IN)	
York ID								25A0380-07		25A0380-08		25A0380-09		25A0380-10		25A0380-11		25A0380-12	
Sampling Date								1/7/2025 10:15:00 AM		1/7/2025 10:22:00 AM		1/7/2025 10:25:00 AM		1/7/2025 10:18:00 AM		1/7/2025 10:45:00 AM		1/7/2025 10:50:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg											
Dilution Factor								1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0192	U	0.0192	U	0.0192	U	0.0192	U	0.0189	U	0.0189	U
Semi-Volatiles, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								2		2		2		2		2		2	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U	0	U	0	U
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2-Chlorophenol	95-57-8	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.33	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
2-Nitroaniline	88-74-4	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
2-Nitrophenol	88-75-5	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
3- & 4-Methylphenols	65794-96-9	0.33	34	100	500	1,000	0.33	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
3-Nitroaniline	99-09-2	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
4-Chloroaniline	106-47-8	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
4-Nitroaniline	100-01-6	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
4-Nitrophenol	100-02-7	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
Acenaphthene	83-32-9	20	100	100	500	1,000	98	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	107	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Acetophenone	98-86-2	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Aniline	62-53-3	~	~	~	~	~	~	0.184	U	0.186	U	0.170	U	0.186	U	0.187	U	0.172	U
Anthracene	120-12-7	100	100	100	500	1,000	1,000	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Atrazine	1912-24-9	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzaldehyde	100-52-7	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzidine	92-87-5	~	~	~	~	~	~	0.184	U	0.186	U	0.170	U	0.186	U	0.187	U	0.172	U
Benzo(a)anthracene	56-55-3	1	1	1	5.6	11	1	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzo(a)pyrene	50-32-8	1	1	1	1	1.1	22	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	1.7	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	1,000	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	1.7	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzoic acid	65-85-0	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzyl alcohol	100-51-6	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Caprolactam	105-60-2	~	~	~	~	~	~	0.0921	U	0.093	U	0.0849	U	0.0927	U	0.0933	U	0.0859	U
Carbazole	86-74-8	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Chrysene	218-01-9	1	1	3.9	56	110	1	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	1,000	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Dibenzofuran	132-64-9	7	14	59	350	1,000	210	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Diethyl phthalate	84-66-2	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Fluoranthene	206-44-0	100	100	100	500	1,000	1,000	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Fluorene	86-73-7	30	100	100	500	1,000	386	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	3.2	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Hexachloroethane	67-72-1	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	8.2	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Isophorone	78-59-1	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Naphthalene	91-20-3	12	100	100	500	1,000	12	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Nitrobenzene	98-95-3	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	~	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	0.8	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Phenanthrene	85-01-8	100	100	100	500	1,000	1,000	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Phenol	108-95-2	0.33	100	100	500	1,000	0.33	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U
Pyrene	129-00-0	100	100	100	500	1,000	1,000	0.0461	U	0.0466	U	0.0425	U	0.0464	U	0.0468	U	0.0431	U

NOTES:
Any Regulatory Exceedences are highlighted & bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used fo
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
Soil Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB004 (6- 8 FT)		SB005 (0- 2IN)		SB005 (2 IN-24 IN)		SB005 (6- 8FT)		SB006 (0-2 IN)		SB006 (2 IN -24 IN)	
York ID								25A0380-13		25A0380-14		25A0380-15		25A0380-16		25A0590-01		25A0590-02	
Sampling Date								1/7/2025 10:55:00 AM		1/7/2025 2:05:00 PM		1/7/2025 2:08:00 PM		1/7/2025 2:10:00 PM		1/9/2025 9:30:00 AM		1/9/2025 9:42:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.052	U	0.057	U	0.045	U	0.0410	U	0.049	U	0.045	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.0052	U	**0.11**		0.0045	U	0.0041	U	0.0049	U	0.0045	U
Acrolein	107-02-8	~	~	~	~	~	~	0.0052	U	0.0057	U	0.0045	U	0.0041	U	0.0049	U	0.0045	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Bromoform	75-25-2	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Methyl acetate	79-20-9	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1,000	0.93	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.0052	U	0.0057	U	0.0045	U	0.0041	U	0.0049	U	0.0045	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.0052	U	0.0057	U	0.0045	U	0.0041	U	0.0049	U	0.0045	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Styrene	100-42-5	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.0026	U	0.0028	U	0.0023	U	0.002	U	0.0025	U	0.0022	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.0078	U	0.0085	U	0.0068	U	0.0061	U	0.0074	U	0.0067	U
Volatile Organics, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1		1		1	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U	0	U	0	U

NOTES:
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Table 4
Soil Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB004 (6- 8 FT)		SB005 (0- 2IN)		SB005 (2 IN-24 IN)		SB005 (6- 8FT)		SB006 (0-2 IN)		SB006 (2 IN -24 IN)	
York ID								25A0380-13		25A0380-14		25A0380-15		25A0380-16		25A0590-01		25A0590-02	
Sampling Date								1/7/2025 10:55:00 AM		1/7/2025 2:05:00 PM		1/7/2025 2:08:00 PM		1/7/2025 2:10:00 PM		1/9/2025 9:30:00 AM		1/9/2025 9:42:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg									mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0189	U	0.0189	U	0.0189	U	0.0189	U	0.0187	U	0.0187	U
Semi-Volatiles, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								2		2		2		2		2		2	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U	0	U	0	U
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	~	0.0839	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	~	0.0839	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	~	0.0839	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2-Chlorophenol	95-57-8	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.33	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
2-Nitroaniline	88-74-4	~	~	~	~	~	~	0.0839	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
2-Nitrophenol	88-75-5	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
3- & 4-Methylphenols	65794-96-9	0.33	34	100	500	1,000	0.33	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
3-Nitroaniline	99-09-2	~	~	~	~	~	~	0.084	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	~	0.084	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
4-Chloroaniline	106-47-8	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
4-Nitroaniline	100-01-6	~	~	~	~	~	~	0.0839	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
4-Nitrophenol	100-02-7	~	~	~	~	~	~	0.0839	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
Acenaphthene	83-32-9	20	100	100	500	1,000	98	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	107	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Acetophenone	98-86-2	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Aniline	62-53-3	~	~	~	~	~	~	0.168	U	0.192	U	0.186	U	0.17	U	0.197	U	0.169	U
Anthracene	120-12-7	100	100	100	500	1,000	1,000	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Atrazine	1912-24-9	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzaldehyde	100-52-7	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzidine	92-87-5	~	~	~	~	~	~	0.168	U	0.192	U	0.186	U	0.170	U	0.197	U	0.169	U
Benzo(a)anthracene	56-55-3	1	1	1	5.6	11	1	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzo(a)pyrene	50-32-8	1	1	1	1	1.1	22	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	1.7	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	1,000	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	1.7	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzoic acid	65-85-0	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzyl alcohol	100-51-6	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Caprolactam	105-60-2	~	~	~	~	~	~	0.0839	U	0.0957	U	0.0927	U	0.0849	U	0.0986	U	0.0843	U
Carbazole	86-74-8	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Chrysene	218-01-9	1	1	3.9	56	110	1	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	1,000	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Dibenzofuran	132-64-9	7	14	59	350	1,000	210	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Diethyl phthalate	84-66-2	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Fluoranthene	206-44-0	100	100	100	500	1,000	1,000	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Fluorene	86-73-7	30	100	100	500	1,000	386	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	3.2	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Hexachloroethane	67-72-1	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	8.2	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Isophorone	78-59-1	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Naphthalene	91-20-3	12	100	100	500	1,000	12	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Nitrobenzene	98-95-3	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	~	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	0.8	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Phenanthrene	85-01-8	100	100	100	500	1,000	1,000	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Phenol	108-95-2	0.33	100	100	500	1,000	0.33	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U
Pyrene	129-00-0	100	100	100	500	1,000	1,000	0.042	U	0.048	U	0.0464	U	0.0425	U	0.0494	U	0.0422	U

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Orient Fire District
23300 Main Road, Orient, New York

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York ID								25A0590-03		25A0590-04		25A0590-05		25A0590-06	
Sampling Date								1/9/2025 9:50:00 AM		1/9/2025 11:50:00 AM		1/9/2025 12:00:00 PM		1/9/2025 12:10:00 PM	
Matrix								Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	76-13-1	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0026	U	0.0021	U	0.0025	U	0.0026	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.052	U	0.042	U	0.051	U	0.052	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.0026	U	0.0021	U	0.0025	U	0.0026	U
2-Hexanone	591-78-6	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.0052	U	0.0042	U	0.0051	U	0.0052	U
Acrolein	107-02-8	~	~	~	~	~	~	0.0052	U	0.0042	U	0.0051	U	0.0052	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Bromoform	75-25-2	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.0026	U	0.0021	U	0.0025	U	0.0026	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Methyl acetate	79-20-9	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1,000	0.93	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.0052	U	0.0042	U	0.0051	U	0.0052	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.0026	U	0.0021	U	0.0025	U	0.0026	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.0026	U	0.0021	U	0.0025	U	0.0026	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.0052	U	0.0042	U	0.0051	U	0.0052	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Styrene	100-42-5	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.0026	U	0.0021	U	0.0025	U	0.0026	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.0026	U	0.0021	U	0.0025	U	0.0026	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.0026	U	0.0021	U	0.0025	U	0.0026	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.0078	U	0.0063	U	0.0076	U	0.0077	U
Volatile Organics, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U

NOTES:
Any Regulatory Exceedences are highlighted & bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used fo
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 4
Soil Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB006 (6- 8 FT) 25A0590-03 1/9/2025 9:50:00 AM Soil		SB007 (0-2IN) 25A0590-04 1/9/2025 11:50:00 AM Soil		SB007 (2IN -24IN) 25A0590-05 1/9/2025 12:00:00 PM Soil		SB007 (6-8FT) 25A0590-06 1/9/2025 12:10:00 PM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0187	U	0.0187	U	0.0187	U	0.0187	U
Semi-Volatiles, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								2		2		2		2	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0425	U	0.0438	U	0.0498	U	0.0422	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0425	U	0.0438	U	0.0498	U	0.0422	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2-Chlorophenol	95-57-8	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.33	0.0425	U	0.0438	U	0.0498	U	0.0422	U
2-Nitroaniline	88-74-4	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
2-Nitrophenol	88-75-5	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
3- & 4-Methylphenols	65794-96-9	0.33	34	100	500	1,000	0.33	0.0425	U	0.0438	U	0.0498	U	0.0422	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
3-Nitroaniline	99-09-2	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
4-Chloroaniline	106-47-8	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
4-Nitroaniline	100-01-6	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
4-Nitrophenol	100-02-7	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
Acenaphthene	83-32-9	20	100	100	500	1,000	98	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Acenaphthylene	208-96-8	100	100	100	500	1,000	107	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Acetophenone	98-86-2	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Aniline	62-53-3	~	~	~	~	~	~	0.17	U	0.175	U	0.199	U	0.169	U
Anthracene	120-12-7	100	100	100	500	1,000	1,000	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Atrazine	1912-24-9	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzaldehyde	100-52-7	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzidine	92-87-5	~	~	~	~	~	~	0.170	U	0.175	U	0.199	U	0.169	U
Benzo(a)anthracene	56-55-3	1	1	1	5.6	11	1	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzo(a)pyrene	50-32-8	1	1	1	1	1.1	22	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	1.7	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	1,000	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	1.7	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzoic acid	65-85-0	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzyl alcohol	100-51-6	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Caprolactam	105-60-2	~	~	~	~	~	~	0.0849	U	0.0874	U	0.0994	U	0.0842	U
Carbazole	86-74-8	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Chrysene	218-01-9	1	1	3.9	56	110	1	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	1,000	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Dibenzofuran	132-64-9	7	14	59	350	1,000	210	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Diethyl phthalate	84-66-2	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Fluoranthene	206-44-0	100	100	100	500	1,000	1,000	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Fluorene	86-73-7	30	100	100	500	1,000	386	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	3.2	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Hexachloroethane	67-72-1	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	8.2	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Isophorone	78-59-1	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Naphthalene	91-20-3	12	100	100	500	1,000	12	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Nitrobenzene	98-95-3	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	~	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	0.8	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Phenanthrene	85-01-8	100	100	100	500	1,000	1,000	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Phenol	108-95-2	0.33	100	100	500	1,000	0.33	0.0425	U	0.0438	U	0.0498	U	0.0422	U
Pyrene	129-00-0	100	100	100	500	1,000	1,000	0.0425	U	0.0438	U	0.0498	U	0.0422	U

NOTES:
Any Regulatory Exceedences are highlighted & bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
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P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used fo
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 5
Soil Analytical Results - Pesticides, Metal, Herbicides, PCBs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	SB001 (O-2 IN) 25A0380-01 1/7/2025 8:50:00 AM Soil		SB001(2 IN-24IN) 25A0380-02 1/7/2025 8:55:00 AM Soil		SB001 (6-8 FT) 25A0380-03 1/7/2025 8:58:00 AM Soil		SB002 (0-2IN) 25A0380-04 1/7/2025 9:28:00 AM Soil		SB002 (2 IN -24 IN) 25A0380-05 1/7/2025 9:31:00 AM Soil		SB002 (6 - 8 FT) 25A0380-06 1/7/2025 9:34:00 AM Soil		SB003 (0- 2IN) 25A0380-07 1/7/2025 10:15:00 AM Soil		SB003 (2 IN- 24IN) 25A0380-08 1/7/2025 10:22:00 AM Soil		SB003 (6 - 8FT) 25A0380-09 1/7/2025 10:25:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00199	U	0.00192	D	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0398	U	0.0338	U	0.0373	U	0.0402	U	0.0343	U	0.0362	U	0.036	U	0.0363	U	0.0331	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00199	U	0.00169	U	0.00186	U	0.00201	U	0.00171	U	0.00181	U	0.0018	U	0.00182	U	0.00166	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.199	U	0.169	U	0.186	U	0.201	U	0.171	U	0.181	U	0.18	U	0.182	U	0.166	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	10,400		7,600		5,220		14,200		4,130		1,510		13,900		7,230		2,690	
Antimony	7440-36-0	~	~	~	~	~	~	2.54	U	2.16	U	2.38	U	2.6	U	2.19	U	2.32	U	2.31	U	2.33	U	2.13	U
Arsenic	7440-38-2	13	16	16	16	16	16	3.54		2.21		1.68		4.09		1.6		2.6		**22.7**		3.33		1.59	
Barium	7440-39-3	350	350	400	400	10,000	820	22.2		21.3		16.9		29.8		13.6		10.2		40.8		26.2		12.5	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.324		0.215		0.191		0.462		0.205		0.095		0.439		0.266		0.197	
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.305	U	0.26	U	0.286	U	0.309	U	0.263	U	0.279	U	0.277	U	0.28	U	0.255	U
Calcium	7440-70-2	~	~	~	~	~	~	1,060		506		476		788		187		63.3		1,200		10,400		1,400	
Chromium	7440-47-3	~	~	~	~	~	~	11.1		9.45		7.39		16.2		10.3		7.01		13.8		8.43		10.5	
Cobalt	7440-48-4	~	~	~	~	~	~	3.19		2.76		2.29		4.61		1.86		1.29		3.63		2.91		1.93	
Copper	7440-50-8	50	270	270	270	10,000	1,720	9.5		7.18		5.87		10.6		4.19		9.9		23.5		9.65		7.92	
Iron	7439-89-6	~	~	~	~	~	~	8,240		6,140		6,030		11,900		5,330		7,120		10,700		7,830		6,780	
Lead	7439-92-1	63	400	400	1,000	3,900	450	5.89		3.29		3.09		6.37		4.62		1.9		8.24		4.88		2.82	
Magnesium	7439-95-4	~	~	~	~	~	~	1,710		1,790		1,100		2,900		1,050		226		1,870		7,000		856	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	70.1		69.1		76.7		151		77.1		48.3		94.7		97.9		59.3	
Nickel	7440-02-0	30	140	310	310	10,000	130	5.85		5.38		3.53		7.91		3.37		0.939		7.5		5.03		2.23	
Potassium	7440-09-7	~	~	~	~	~	~	388		650		567		838		405		212		602	B	813	B	454	B
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.54	U	2.16	U	2.38	U	2.57	U	2.19	U	2.32	U	2.31	U	2.33	U	2.13	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.513	U	0.436	U	0.481	U	0.519	U	0.442	U	0.469	U	0.465	U	0.47	U	0.429	U
Sodium	7440-23-5	~	~	~	~	~	~	50.9	U	47.7		47.7		77.8		43.8	U	46.5	U	46.2	U	54.1		43	
Thallium	7440-28-0	~	~	~	~	~	~	2.54	U	2.16	U	2.38	U	2.57	U	2.19	U	2.32	U	2.31	U	2.33	U	2.13	U
Vanadium	7440-62-2	~	~	~	~	~	~	19.6		18.7		12.9		31.6		14.2		8.92		25		20.2		8.74	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	17.7		15.7		10.2		22.5		7.74		6.46		30		18.6		9.08	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0366	U	0.0474		0.0343	U	0.0371	U	0.0316	U	0.0335	U	0.0937		0.0336	U	0.0306	U
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	1	22	110	400	800	19	0.61	U	0.519	U	0.572	U	0.618	U	0.526	U	0.558	U	0.554	U	0.559	U	0.51	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.61	U	0.519	U	0.572	U	0.618	U	0.526	U	0.558	U	0.554	U	0.559	U	0.51	U
Total Solids								%		%		%		%		%		%		%		%		%	
Dilution Factor								1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	~	81.9		96.3		87.4		80.9		95.1		89.6		90.3		89.4		98	
HERB, 8151 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
2,4,5-T	93-76-5	~	~	~	~	~	~	0.02	U	0.0204	U	0.0225	U	0.0243	U	0.0207	U	0.0222	U	0.022	U	0.0222	U	0.0201	U
2,4,5-TP (Silvex)	93-72-1	3.8	58	100	500	1,000	3.8	0.02	U	0.0204	U	0.0225	U	0.0243	U	0.0207	U	0.0222	U	0.022	U	0.0222	U	0.0201	U
2,4-D	94-75-7	~	~	~	~	~	~	0.02	U	0.0204	U	0.0225	U	0.0243	U	0.0207	U	0.0222	U	0.022	U	0.0222	U	0.0201	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0201	U	0.0171	U	0.0188	U	0.0203	U	0.0173	U	0.0183	U	0.0182	U	0.0183	U	0.0167	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 5
Soil Analytical Results - Pesticides, Metal, Herbicides, PCBs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB00X[1]		SB004 (0- 2IN)		SB004 (2 IN-24 IN)		SB004 (6- 8 FT)		SB005 (0- 2IN)		SB005 (2 IN-24 IN)		SB005 (6- 8FT)		SB006 (0-2 IN)		SB006 (2 IN -24 IN)	
York ID								25A0380-10		25A0380-11		25A0380-12		25A0380-13		25A0380-14		25A0380-15		25A0380-16		25A0590-01		25A0590-02	
Sampling Date								1/7/2025 10:18:00 AM		1/7/2025 10:45:00 AM		1/7/2025 10:50:00 AM		1/7/2025 10:55:00 AM		1/7/2025 2:05:00 PM		1/7/2025 2:08:00 PM		1/7/2025 2:10:00 PM		1/9/2025 9:30:00 AM		1/9/2025 9:42:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00315	D	0.00183	U	0.00168	U	0.00164	U	**0.00471**	D	0.00182	U	0.00166	U	**0.0386**	D	0.00169	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00268	D	0.00183	U	0.00168	U	0.00164	U	0.00261	D	0.00182	U	0.00166	U	**0.0452**	D	0.00169	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0362	U	0.0366	U	0.0337	U	0.0329	U	0.0375	U	0.0363	U	0.0333	U	0.0395	U	0.0338	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00189	D	0.00182	U	0.00166	U	0.00232	D	0.00169	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00181	U	0.00183	U	0.00168	U	0.00164	U	0.00188	U	0.00182	U	0.00166	U	0.00198	U	0.00169	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.181	U	0.183	U	0.168	U	0.164	U	0.188	U	0.182	U	0.166	U	0.198	U	0.169	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	11,600		11,100		3,780		977		13,500		6,180		3,850		21,700		9,880	
Antimony	7440-36-0	~	~	~	~	~	~	2.32	U	2.35	U	2.16	U	2.11	U	2.41	U	2.34	U	2.14	U	2.5	U	2.14	U
Arsenic	7440-38-2	13	16	16	16	16	16	**27.1**		5.27		1.47		1.27	U	**19.1**		2.44		1.92		**64.8**		4.24	
Barium	7440-39-3	350	350	400	400	10,000	820	38.1		29.2		18.5		6.64		34.8		19.6		36.4		70.7		23.5	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.434		0.335		0.258		0.043	U	0.476		0.28		0.148		0.798		0.229	
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.279	U	0.282	U	0.259	U	0.253	U	0.290	U	0.281	U	0.257	U	0.3	U	0.257	U
Calcium	7440-70-2	~	~	~	~	~	~	1,850		17,100		116		77.8		1,320		337		286		2,230		621	
Chromium	7440-47-3	~	~	~	~	~	~	15.5		13.5		5.4		1.97		15.8		7.83		4.74		67.7		11.5	
Cobalt	7440-48-4	~	~	~	~	~	~	2.71		4.86		4.01		1.13		6.58		3.84		3.08		5.09		5.06	
Copper	7440-50-8	50	270	270	270	10,000	1,720	**62.4**		19		6.76		2.89		39.5		10.4		7.38		**102**		12.2	
Iron	7439-89-6	~	~	~	~	~	~	8,950		12,200		9,050		2,000		14,300		8,500		7,040		16,300		8,040	
Lead	7439-92-1	63	400	400	1,000	3,900	450	42.1		9.46		2.13		1.17		13.7		4.13		2.31		**89.4**		5.2	
Magnesium	7439-95-4	~	~	~	~	~	~	1,590		2,100		864		232		2,350		1,260		1,800		2,500		1,860	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	86.4		113		88.3		39.9		187		95.5		110		164		114	
Nickel	7440-02-0	30	140	310	310	10,000	130	5.7		8.95		3.44		0.945		9.13		4.71		2.02		9.68		7.27	
Potassium	7440-09-7	~	~	~	~	~	~	587	B	585	B	887	B	238	B	604		572		1,160		651	B	450	B
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.32	U	2.35	U	2.16	U	2.11	U	2.41	U	2.34	U	2.14	U	2.5	U	2.14	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.468	U	0.473	U	0.436	U	0.425	U	0.487	U	0.471	U	0.432	U	0.505	U	0.431	U
Sodium	7440-23-5	~	~	~	~	~	~	55.1		215		46.8		42.2	U	81.3		56.1		55.7		124		70.2	
Thallium	7440-28-0	~	~	~	~	~	~	2.32	U	2.35	U	2.16	U	2.11	U	2.41	U	2.34	U	2.14	U	1.2	U	1.03	U
Vanadium	7440-62-2	~	~	~	~	~	~	20.8		24.4		11.2		2.96		26.3		14.2		10.8		34.4		21	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	24.2		35.2		19		2.96		29.1		12.3		13.5		51.7		22.4	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	**0.192**		0.0338	U	0.0311	U	0.0304	U	0.0349		0.0337	U	0.0308	U	**0.583**		0.0683	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	1	22	110	400	800	19	0.557	U	**1.89**		0.519	U	0.506	U	0.58	U	0.561	U	0.514	U	0.601	U	0.514	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.557	U	0.563	U	0.519	U	0.506	U	0.58	U	0.561	U	0.514	U	0.601	U	0.514	U
Total Solids								%		%		%		%		%		%		%		%		%	
Dilution Factor								1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	~	89.7		88.8		96.4		98.8		86.3		89.1		97.3		83.2		97.3	
HERB, 8151 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
2,4,5-T	93-76-5	~	~	~	~	~	~	0.0219	U	0.0222	U	0.0204	U	0.0199	U	0.0228	U	0.0224	U	0.0205	U	0.0237	U	0.0203	U
2,4,5-TP (Silvex)	93-72-1	3.8	58	100	500	1,000	3.8	0.0219	U	0.0222	U	0.0204	U	0.0199	U	0.0228	U	0.0224	U	0.0205	U	0.0237	U	0.0203	U
2,4-D	94-75-7	~	~	~	~	~	~	0.0219	U	0.0222	U	0.0204	U	0.0199	U	0.0228	U	0.0224	U	0.0205	U	0.0237	U	0.0203	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0183	U	0.0185	U	0.017	U	0.0166	U	0.0189	U	0.0183	U	0.0168	U	0.02	U	0.0171	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 5
Soil Analytical Results - Pesticides, Metal, Herbicides, PCBs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID								SB006 (6- 8 FT)		SB007 (0-2IN)		SB007 (2IN -24IN)		SB007 (6-8FT)	
York ID								25A0590-03		25A0590-04		25A0590-05		25A0590-06	
Sampling Date								1/9/2025 9:50:00 AM		1/9/2025 11:50:00 AM		1/9/2025 12:00:00 PM		1/9/2025 12:10:00 PM	
Matrix								Soil		Soil		Soil		Soil	
Compound	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.0017	U	0.00175	U	0.00195	U	0.00167	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.0017	U	0.00175	U	0.00195	U	0.00167	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.0017	U	0.00175	U	0.00195	U	0.00167	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.0017	U	0.00175	U	0.00195	U	0.00167	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.0017	U	0.00175	U	0.00195	U	0.00167	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.034	U	0.0351	U	0.0389	U	0.0333	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.0017	U	0.00175	U	0.00195	U	0.00167	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.0017	U	0.00175	U	0.00195	U	0.00167	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.0017	U	0.00175	U	0.00195	U	0.00167	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.17	U	0.175	U	0.195	U	0.167	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	1,500		20,400		5,830		6,490	
Antimony	7440-36-0	~	~	~	~	~	~	2.15	U	2.22	U	2.52	U	2.11	U
Arsenic	7440-38-2	13	16	16	16	16	16	1.29	U	**14.3**		2.02		3.17	
Barium	7440-39-3	350	350	400	400	10,000	820	9.17		47.4		41.3		65.7	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.068		0.648		0.307		0.095	
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.259	U	0.266	U	0.303	U	0.253	U
Calcium	7440-70-2	~	~	~	~	~	~	43.1		656		214		876	
Chromium	7440-47-3	~	~	~	~	~	~	2.29		20.9		7.28		3.23	
Cobalt	7440-48-4	~	~	~	~	~	~	0.931		7.91		5.53		7.36	
Copper	7440-50-8	50	270	270	270	10,000	1,720	4.03		36.2		7.03		6.47	
Iron	7439-89-6	~	~	~	~	~	~	4,820		18,600		8,740		11,700	
Lead	7439-92-1	63	400	400	1,000	3,900	450	1.49		16		4.49		1.7	
Magnesium	7439-95-4	~	~	~	~	~	~	360		2,680		1,200		3,570	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	32.4		223		273		218	
Nickel	7440-02-0	30	140	310	310	10,000	130	1.09		10.9		5.2		2.94	
Potassium	7440-09-7	~	~	~	~	~	~	339	B	627	B	898	B	3,400	B
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.15	U	2.22	U	2.52	U	2.11	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.435	U	0.448	U	0.509	U	0.425	U
Sodium	7440-23-5	~	~	~	~	~	~	43.1	U	63		50.5	U	50.5	
Thallium	7440-28-0	~	~	~	~	~	~	1.03	U	1.07	U	1.21	U	1.01	U
Vanadium	7440-62-2	~	~	~	~	~	~	4.97		35.7		16.3		25.4	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	5.18		34		15.8		20	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.031	U	0.0567		0.0363	U	0.0304	U
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
Chromium, Hexavalent	18540-29-9	1	22	110	400	800	19	0.517	U	0.533	U	0.606	U	0.507	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.517	U	0.533	U	0.606	U	0.507	U
Total Solids								%		%		%		%	
Dilution Factor								1		1		1		1	
% Solids	solids	~	~	~	~	~	~	96.7		93.8		82.5		98.7	
HERB, 8151 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
2,4,5-T	93-76-5	~	~	~	~	~	~	0.0204	U	0.0209	U	0.0238	U	0.0202	U
2,4,5-TP (Silvex)	93-72-1	3.8	58	100	500	1,000	3.8	0.0204	U	0.0209	U	0.0238	U	0.0202	U
2,4-D	94-75-7	~	~	~	~	~	~	0.0204	U	0.0209	U	0.0238	U	0.0202	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0172	U	0.0177	U	0.0197	U	0.0168	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0172	U	0.0177	U	0.0197	U	0.0168	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0172	U	0.0177	U	0.0197	U	0.0168	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0172	U	0.0177	U	0.0197	U	0.0168	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0172	U	0.0177	U	0.0197	U	0.0168	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0172	U	0.0177	U	0.0197	U	0.0168	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0172	U	0.0177	U	0.0197	U	0.0168	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0172	U	0.0177	U	0.0197	U	0.0168	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]Sample SB00X is a duplicate of SB003 (0-2in)
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 6
UIC Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS ProtectionOfGW-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Residential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS RestrictedResidential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Industrial-Apr2023	UIC001		UIC002		UIC003		UIC004	
York ID								25A0469-01		25A0469-02		25A0469-03		25A0469-04	
Sampling Date								1/8/2025 8:45:00 AM		1/8/2025 9:05:00 AM		1/8/2025 9:29:00 AM		1/8/2025 10:03:00 AM	
Matrix								Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.362	U	0.714	U	0.406	U	0.48	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.878	U	1.73	U	0.986	U	2.12	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.692	U	1.37	U	0.777	U	0.918	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.872	U	1.72	U	0.98	U	1.48	
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.74	U	3.44	U	1.96	U	2.32	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.44	U	4.82	U	2.74	U	3.24	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.738	U	1.46	U	0.828	U	0.979	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.286	U	0.565	U	0.321	U	0.38	U
ADONA	919005-14-4	~	~	~	~	~	~	0.202	U	0.4	U	0.227	U	0.269	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.707	U	1.4	U	0.794	U	0.939	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.23	U	0.455	U	0.259	U	0.306	U
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.226	U	0.445	U	0.253	U	0.814	
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.811	U	1.6	U	0.911	U	3.87	
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.209	U	0.413	U	0.235	U	0.3	J
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.172	U	0.34	U	0.193	U	0.542	
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.711	U	1.4	U	0.798	U	0.943	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.162	U	0.319	U	0.182	U	0.215	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.222	U	0.439	U	0.382		0.755	
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.18	U	0.356	U	0.203	U	0.239	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.144	U	0.285	U	0.162	U	0.191	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.17	U	0.335	U	1.39		0.928	
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.183	U	0.36	U	0.205	U	0.242	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.225	U	0.443	U	0.252	U	0.298	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0721	U	0.142	U	0.081	U	0.0957	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.112	U	0.22	U	0.125	U	0.148	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.129	U	0.255	U	0.145	U	0.171	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.222	U	0.584		0.25	U	0.295	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.197	U	0.388	U	1.17		1.91	
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.19	U	2		0.495		10.7	
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.122	U	0.241	U	0.137	U	0.162	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.208	U	0.411	U	1.25		1.49	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0617	U	0.122	U	0.322		1.27	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.127	U	0.25	U	0.142	U	0.168	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.22	U	0.434	U	0.247	U	0.292	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	1	8.8	44	440	440	0.194	U	**2.11**		**14.5**		**21.7**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	0.8	6.6	33	500	600	0.2	U	0.395	U	0.225	U	0.265	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.127	U	0.25	U	0.142	U	0.168	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.154	J	2.42		0.428		7.08	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.246		29.2		1.5		8.58	
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.23	U	6.27		0.259	U	1.02	

NOTES:
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Table 6
UIC Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS ProtectionOfGW-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Residential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS RestrictedResidential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Industrial-Apr2023	UIC005		UIC006		UIC007		UIC008	
York ID								25A0469-05		25A0469-06		25A0469-07		25A0469-08	
Sampling Date								1/8/2025 10:30:00 AM		1/8/2025 11:07:00 AM		1/8/2025 11:30:00 AM		1/8/2025 1:19:00 PM	
Matrix								Soil		Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.51	U	0.445	U	0.348	U	0.363	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	1.24	U	1.08	U	0.844	U	0.882	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.976	U	0.852	U	0.665	U	0.695	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	1.23	U	1.07	U	0.838	U	0.876	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	2.46	U	2.15	U	1.68	U	1.75	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	3.44	U	3	U	2.34	U	2.45	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	1.04	U	0.908	U	0.708	U	0.74	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.404	U	0.352	U	0.275	U	0.287	U
ADONA	919005-14-4	~	~	~	~	~	~	0.286	U	0.249	U	0.194	U	0.203	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.998	U	0.871	U	0.679	U	0.71	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.404		0.284	U	0.221	U	0.231	U
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.397		0.278	U	0.217	U	0.227	U
N-EtFOSE	1691-99-2	~	~	~	~	~	~	1.14	U	0.998	U	0.779	U	0.814	U
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.295	U	0.258	U	0.201	U	0.21	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.243	U	0.212	U	0.165	U	0.173	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	1	U	0.875	U	0.683	U	0.714	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.228	U	0.199	U	0.155	U	0.162	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.313	U	0.273	U	0.213	U	1.12	
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.254	U	0.222	U	0.173	U	0.181	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.204	U	0.178	U	0.139	U	0.145	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.371		0.209	U	0.163	U	0.171	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.258	U	0.225	U	0.175	U	0.183	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.317	U	0.276	U	0.216	U	0.225	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.102	U	0.0888	U	0.0693	U	0.0724	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.158	U	0.137	U	0.107	U	0.112	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.182	U	0.159	U	0.124	U	0.13	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.313	U	0.273	U	0.213	U	0.223	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.277	U	0.242	U	0.189	U	0.197	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	2.36		0.233	U	0.837		0.19	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.172	U	0.15	U	0.117	U	0.123	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.416		0.256	U	0.2	U	0.209	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.087	U	0.0759	U	0.0625	J	0.0619	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.179	U	0.156	U	0.122	U	0.127	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.31	U	0.271	U	0.211	U	0.221	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	1	8.8	44	440	440	**2.4**		0.239	U	0.187	U	0.195	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	0.8	6.6	33	500	600	0.282	U	0.246	U	0.192	U	0.201	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.179	U	0.156	U	0.233	J	0.127	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	3.36		0.147	U	1.5		0.12	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	12.9		0.198	J	1.22		0.146	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.764		0.284	U	0.26		0.231	U

NOTES:
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Q is the Qualifier Column with definitions as follows:
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J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 6
UIC Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 RemedialSoil Guidance PFAS Unrestricted-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS ProtectionOfGW-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Residential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS RestrictedResidential-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Commercial-Apr2023	NYSDEC Part 375 RemedialSoil Guidance PFAS Industrial-Apr2023	UIC009		UIC010		UIC00X[1]	
York ID								25A0469-09		25A0469-10		25A0469-11	
Sampling Date								1/8/2025 1:30:00 PM		1/8/2025 1:45:00 PM		1/8/2025 10:05:00 AM	
Matrix								Soil		Soil		Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg	
Dilution Factor								1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	~	~	~	~	0.339	U	0.332	U	0.487	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	~	~	0.824	U	0.806	U	2.57	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	~	~	0.649	U	0.635	U	0.931	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	~	~	0.819	U	0.8	U	1.87	
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	~	~	1.64	U	1.6	U	2.35	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	~	~	2.29	U	2.24	U	3.28	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	~	~	0.692	U	0.677	U	0.992	U
9CL-PF3ONS	756426-58-1	~	~	~	~	~	~	0.269	U	0.263	U	0.385	U
ADONA	919005-14-4	~	~	~	~	~	~	0.19	U	0.186	U	0.272	U
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	~	~	0.664	U	0.649	U	0.951	U
N-EtFOSA	4151-50-2	~	~	~	~	~	~	0.216	U	0.211	U	0.31	U
N-EtFOSAA	2991-50-6	~	~	~	~	~	~	0.212	U	0.207	U	0.351	
N-EtFOSE	1691-99-2	~	~	~	~	~	~	0.761	U	0.744	U	2.06	J
N-MeFOSA	31506-32-8	~	~	~	~	~	~	0.196	U	0.192	U	0.282	U
N-MeFOSAA	2355-31-9	~	~	~	~	~	~	0.162	U	0.158	U	0.232	U
N-MeFOSE	24448-09-7	~	~	~	~	~	~	0.667	U	0.652	U	0.956	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	~	~	0.152	U	0.148	U	0.218	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	~	~	0.653		0.204	U	0.637	
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	~	~	0.169	U	0.165	U	0.243	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	~	~	0.135	U	0.132	U	0.194	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	~	~	0.159	U	0.156	U	0.558	
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	~	~	0.171	U	0.168	U	0.246	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	~	~	0.211	U	0.206	U	0.302	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	~	~	0.0677	U	0.0662	U	0.097	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	~	~	0.105	U	0.102	U	0.15	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	~	~	0.121	U	0.118	U	0.174	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	~	~	0.208	U	0.204	U	0.299	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	~	~	0.184	U	0.185	J	3.19	
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	~	~	0.178	U	0.174	U	4.21	
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	~	~	0.115	U	0.112	U	0.164	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	~	~	0.195	U	0.191	U	0.852	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	~	~	0.0578	U	0.0566	U	0.607	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	~	~	0.119	U	0.116	U	0.171	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	~	~	0.206	U	0.202	U	0.296	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	1	8.8	44	440	440	0.182	U	**1.33**		**17.8**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	0.8	6.6	33	500	600	0.188	U	0.184	U	0.269	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	~	~	0.119	U	0.116	U	0.171	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	~	~	0.112	U	0.171	J	5.3	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	~	~	0.136	U	0.133	U	8.37	
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	~	~	0.216	U	0.211	U	0.31	U

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Table 7
UIC Analytical Results - VOCs and SVOCs
UIC Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	UIC001 25A0469-01 1/8/2025 8:45:00 AM Soil		UIC002 25A0469-02 1/8/2025 9:05:00 AM Soil		UIC003 25A0469-03 1/8/2025 9:29:00 AM Soil		UIC004 25A0469-04 1/8/2025 10:03:00 AM Soil		UIC005 25A0469-05 1/8/2025 10:30:00 AM Soil		UIC006 25A0469-06 1/8/2025 11:07:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.049	U	**0.12**	U	0.074	U	0.068	U	0.063	U	0.06	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.0024	U	0.006	U	0.015		0.012		0.008		0.014	
2-Hexanone	591-78-6	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.0059	J	0.012	U	**0.056**		0.045		0.037		**0.062**	
Acrolein	107-02-8	~	~	~	~	~	~	0.0049	U	0.012	U	0.0074	U	0.0068	U	0.0063	U	0.006	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Bromoform	75-25-2	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0036	J	0.003	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Methyl acetate	79-20-9	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1,000	0.93	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.0049	U	0.012	U	0.0074	U	0.0068	U	0.0063	U	0.006	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.0049	U	0.012	U	0.0074	U	0.0068	U	0.0063	U	0.006	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Styrene	100-42-5	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.0024	U	0.006	U	0.0037	U	0.0034	U	0.0031	U	0.003	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.0073	U	0.018	U	0.011	U	0.01	U	0.0094	U	0.009	U
Volatile Organics, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1		1		1	
cyclododecane isomer	1486-75-5	~	~	~	~	~	~	NT		NT		0.018	J	NT		NT		NT	
Decahydro pentamethylnaphth... (01)	NA	~	~	~	~	~	~	NT		NT		NT		0.022	J	NT		NT	
Decahydro pentamethylnaphth... (02)	NA	~	~	~	~	~	~	NT		NT		NT		0.016	J	NT		NT	
Decane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		0.019	J	NT		NT		NT	
Decane trimethyl isomer	NA	~	~	~	~	~	~	NT		NT		0.024	J	NT		NT		NT	
Dodecane methyl isomer	NA	~	~	~	~	~	~	NT		NT		0.03	J	NT		NT		NT	
Dodecane trimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		0.023	J	NT		NT	
Ethyldecane isomer	NA	~	~	~	~	~	~	NT		NT		0.036	J	NT		NT		NT	
Heptadecane tetramethyl isomer	NA	~	~	~	~	~	~	NT		NT		0.034	J	NT		NT		NT	
Hexadecane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		0.028	J	NT		NT	
Octane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		0.083	J	NT		NT		NT	
pentadecane isomer	NA	~	~	~	~	~	~	NT		NT		0.027	J	NT		NT		NT	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	NT		NT		0	U	0	U
tridecane isomer	NA	~	~	~	~	~	~	NT		NT		0.032	J	NT		NT		NT	
Undecane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		0.053	J	NT		NT		NT	
Undecane methyl isomer (01)	NA	~	~	~	~	~	~	NT		NT		0.016	J	NT		NT		NT	
Undecane methyl isomer (02)	NA	~	~	~	~	~	~	NT		NT		0.023	J	NT		NT		NT	

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]UIC00X is a duplicate of UIC004
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 7
UIC Analytical Results - VOCs and SVOCs
UIC Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	UIC001 25A0469-01 1/8/2025 8:45:00 AM Soil		UIC002 25A0469-02 1/8/2025 9:05:00 AM Soil		UIC003 25A0469-03 1/8/2025 9:29:00 AM Soil		UIC004 25A0469-04 1/8/2025 10:03:00 AM Soil		UIC005 25A0469-05 1/8/2025 10:30:00 AM Soil		UIC006 25A0469-06 1/8/2025 11:07:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.0192	U	0.0192	U	0.0192	U	0.0192	U	0.0192	U	0.0192	U
Semi-Volatiles, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								2		2		2		2		2		2	
1,1'-Biphenyl isomer RT12.31	NA	~	~	~	~	~	~	NT		NT		NT		NT		1.18	JD	NT	
1,1'-Biphenyl isomer RT12.33	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT		NT	
11H-Benzo[b]fluorene isomer...	NA	~	~	~	~	~	~	NT		NT		NT		1.07	JD	NT		NT	
1-Cyclohexene isomer RT19.77	NA	~	~	~	~	~	~	NT		NT		NT		NT		2.16	JD	NT	
1H-Cyclopropa[l]phenanthren...	000949-41-7	~	~	~	~	~	~	NT		NT		NT		NT		NT		0.956	JDN
2,3-Dimethyl-6-(3-methyl-bu...	071940-30-2	~	~	~	~	~	~	0.781	JD	NT		NT		NT		NT		NT	
28-Nor-17 isomer RT19.21	NA	~	~	~	~	~	~	0.793	JD	NT		NT		NT		NT		NT	
28-Nor-17.alpha.(H)-hopane ...	053584-60-4	~	~	~	~	~	~	NT		NT		NT		NT		2.16	JDN	1.41	JD
4H-Cyclopenta[def]phenanthr...	000203-64-5	~	~	~	~	~	~	NT		4.85	JDN	NT		NT		NT		2.48	JDN
9,10-Anthracenedione isomer...	NA	~	~	~	~	~	~	NT		3.76	JD	NT		NT		NT		2.13	JD
Anthracene, 9-methyl- isome...	NA	~	~	~	~	~	~	1.4	JD	NT		NT		NT		NT		NT	
Benzo[a]pyrene isomer RT18.14	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT		NT	
Benzo[e]pyrene isomer RT18.13	NA	~	~	~	~	~	~	NT		NT		1.18	JD	NT		NT		NT	
Benzo[k]fluoranthene isomer...	NA	~	~	~	~	~	~	1.28	JD	14.5	JD	NT		4.15	JD	NT		7.36	JD
Des-d-dammaran-13-one isome...	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT		1.45	JD
Fluoranthene, 2-methyl- iso...	NA	~	~	~	~	~	~	NT		NT		NT		1.39	JD	NT		0.961	JD
Fluoranthene, 2-methyl-isom...	NA	~	~	~	~	~	~	NT		1.86	JD	NT		NT		NT		NT	
Phenanthrene isomer RT11.00	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT		NT	
Phenanthrene isomer RT11.05	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT		NT	
Phenanthrene, 1-methyl-isom... (01)	NA	~	~	~	~	~	~	NT		1.79	JD	NT		NT		NT		NT	
Phenanthrene, 1-methyl-isom... (02)	NA	~	~	~	~	~	~	NT		1.71	JD	NT		NT		NT		NT	
Pyrene, 1-methyl-isomer RT1...	NA	~	~	~	~	~	~	NT		1.55	JD	NT		NT		NT		NT	
Tentatively Identified Compounds		~	~	~	~	~	~	NT		NT		NT		NT		NT		NT	
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								20		20		2		20		2		20	
1,1-Biphenyl	92-52-4	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2-Chlorophenol	95-57-8	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	~	0.111	D	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.33	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
2-Nitroaniline	88-74-4	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
2-Nitrophenol	88-75-5	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
3- & 4-Methylphenols	65794-96-9	0.33	34	100	500	1,000	0.33	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
3-Nitroaniline	99-09-2	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
4-Chloroaniline	106-47-8	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
4-Nitroaniline	100-01-6	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
4-Nitrophenol	100-02-7	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
Acenaphthene	83-32-9	20	100	100	500	1,000	98	0.141	D	0.279	D	0.0548	U	0.419	D	0.116	JD	0.284	D
Acenaphthylene	208-96-8	100	100	100	500	1,000	107	0.0489	U	0.198	D	0.0548	U	0.116	JD	0.0677	U	0.0754	JD
Acetophenone	98-86-2	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Aniline	62-53-3	~	~	~	~	~	~	0.195	U	0.384	U	0.219	U	0.26	U	0.27	U	0.236	U
Anthracene	120-12-7	100	100	100	500	1,000	1,000	0.354	D	1.03	D	0.0961	JD	1.26	D	0.0993	JD	0.86	D
Atrazine	1912-24-9	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Benzaldehyde	100-52-7	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Benzidine	92-87-5	~	~	~	~	~	~	0.195	U	0.384	U	0.219	U	0.26	U	0.27	U	0.236	U
Benzo(a)anthracene	56-55-3	1	1	1	5.6	11	1	**1.12**	D	**9.33**	D	0.682	D	**7.68**	D	0.381	D	**4.83**	D
Benzo(a)pyrene	50-32-8	1	1	1	1	1.1	22	**1.33**	D	**10.8**	D	**1.03**	D	**10.4**	D	0.543	D	**4.64**	D
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	1.7	**1.77**	D	**13.8**	D	**1.59**	D	**13.8**	D	0.783	D	**5.62**	D
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	1,000	1.49	D	12.4	D	0.967	D	9.19	D	0.432	D	4.71	D
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	1.7	**1.5**	D	**12.7**	D	**1.33**	D	**12.2**	D	0.671	D	**4.78**	D
Benzoic acid	65-85-0	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Benzyl alcohol	100-51-6	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	~	0.289	D	0.0961	U	0.157	D	0.927	D	1.78	D	0.259	D
Caprolactam	105-60-2	~	~	~	~	~	~	0.0975	U	0.192	U	0.109	U	0.13	U	0.135	U	0.118	U
Carbazole	86-74-8	~	~	~	~	~	~	0.265	D	1.6	D	0.156	D	1.79	D	0.124	JD	1.15	D
Chrysene	218-01-9	1	1	3.9	56	110	1	**2.06**	D	**19.1**	D	**1.5**	D	**19**	D	0.832	D	**8.89**	D
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	1,000	**0.454**	D	**4.09**	D	0.222	D	**3.37**	D	0.153	D	**1.8**	D
Dibenzofuran	132-64-9	7	14	59	350	1,000	210	0.0489	U	0.11	JD	0.0548	U	0.211	D	0.0677	U	0.129	D
Diethyl phthalate	84-66-2	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Fluoranthene	206-44-0	100	100	100	500	1,000	1,000	2.73	D	31.7	D	2.6	D	31.2	D	1.54	D	16.8	D
Fluorene	86-73-7	30	100	100	500	1,000	386	0.157	D	0.441	D	0.0891	JD	0.843	D	0.277	D	0.448	D
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	3.2	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Hexachloroethane	67-72-1	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	8.2	**1.24**	D	**9.29**	D	**0.924**	D	**7.45**	D	0.404	D	**3.68**	D
Isophorone	78-59-1	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Naphthalene	91-20-3	12	100	100	500	1,000	12	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Nitrobenzene	98-95-3	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	~	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	0.8	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Phenanthrene	85-01-8	100	100	100	500	1,000	1,000	2.02	D	13.2	D	1.05	D	15.8	D	1.04	D	8.27	D
Phenol	108-95-2	0.33	100	100	500	1,000	0.33	0.0489	U	0.0961	U	0.0548	U	0.065	U	0.0677	U	0.0591	U
Pyrene	129-00-0	100	100	100	500	1,000	1,000	2.93	D	34.3	D	2.13	D	29.2	D	1.23	D	15.8	D

NOTES:
Any Regulatory Exceedences are color coded by Regulation
[1]UIC00X is a duplicate of UIC004
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 7
UIC Analytical Results - VOCs and SVOCs
UIC Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	UIC007		UIC008		UIC009		UIC010		UIC00X[1]	
York ID								25A0469-07		25A0469-08		25A0469-09		25A0469-10		25A0469-11	
Sampling Date								1/8/2025 11:30:00 AM		1/8/2025 1:19:00 PM		1/8/2025 1:30:00 PM		1/8/2025 1:45:00 PM		1/8/2025 10:05:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,1,1-Trichloroethane	71-55-6	0.68	100	100	500	1,000	0.68	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,1-Dichloroethane	75-34-3	0.27	19	26	240	480	0.27	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,1-Dichloroethylene	75-35-4	0.33	100	100	500	1,000	0.33	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	52	190	380	3.6	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2-Dichloroethane	107-06-2	0.02	2.3	3.1	30	60	0.02	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	52	190	380	8.4	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.058	U	0.048	U	0.048	U	0.049	U	0.07	U
2-Butanone	78-93-3	0.12	100	100	500	1,000	0.12	0.0029	U	0.015		0.0024	U	0.0024	U	0.031	
2-Hexanone	591-78-6	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Acetone	67-64-1	0.05	100	100	500	1,000	0.05	0.0058	U	**0.053**		0.0048	U	0.0049	U	**0.088**	
Acrolein	107-02-8	~	~	~	~	~	~	0.0058	U	0.0048	U	0.0048	U	0.0049	U	0.007	U
Acrylonitrile	107-13-1	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Benzene	71-43-2	0.06	2.9	4.8	44	89	0.06	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Bromochloromethane	74-97-5	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Bromodichloromethane	75-27-4	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Bromoform	75-25-2	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Bromomethane	74-83-9	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Carbon disulfide	75-15-0	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Carbon tetrachloride	56-23-5	0.76	1.4	2.4	22	44	0.76	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Chlorobenzene	108-90-7	1.1	100	100	500	1,000	1.1	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Chloroethane	75-00-3	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Chloroform	67-66-3	0.37	10	49	350	700	0.37	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Chloromethane	74-87-3	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	100	500	1,000	0.25	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Cyclohexane	110-82-7	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Dibromochloromethane	124-48-1	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Dibromomethane	74-95-3	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Ethyl Benzene	100-41-4	1	30	41	390	780	1	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Isopropylbenzene	98-82-8	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Methyl acetate	79-20-9	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	100	500	1,000	0.93	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Methylcyclohexane	108-87-2	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Methylene chloride	75-09-2	0.05	51	100	500	1,000	0.05	0.0058	U	0.0048	U	0.0048	U	0.0049	U	0.007	U
n-Butylbenzene	104-51-8	12	100	100	500	1,000	12	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
n-Propylbenzene	103-65-1	3.9	100	100	500	1,000	3.9	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
o-Xylene	95-47-6	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
p- & m- Xylenes	179601-23-1	~	~	~	~	~	~	0.0058	U	0.0048	U	0.0048	U	0.0049	U	0.007	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
sec-Butylbenzene	135-98-8	11	100	100	500	1,000	11	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Styrene	100-42-5	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
tert-Butylbenzene	98-06-6	5.9	100	100	500	1,000	5.9	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Tetrachloroethylene	127-18-4	1.3	5.5	19	150	300	1.3	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Toluene	108-88-3	0.7	100	100	500	1,000	0.7	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	100	500	1,000	0.19	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Trichloroethylene	79-01-6	0.47	10	21	200	400	0.47	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	~	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Vinyl Chloride	75-01-4	0.02	0.21	0.9	13	27	0.02	0.0029	U	0.0024	U	0.0024	U	0.0024	U	0.0035	U
Xylenes, Total	1330-20-7	0.26	100	100	500	1,000	1.6	0.0087	U	0.0071	U	0.0073	U	0.0073	U	0.011	U
Volatile Organics, Tentatively Identified Cmpds.								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor								1		1		1		1		1	
cyclododecane isomer	1486-75-5	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Decahydro pentamethylnaphth... (01)	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Decahydro pentamethylnaphth... (02)	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Decane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Decane trimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Dodecane methyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Dodecane trimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Ethyldecane isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Heptadecane tetramethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Hexadecane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Octane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
pentadecane isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Tentatively Identified Compounds		~	~	~	~	~	~	0	U	0	U	0	U	0	U	0	U
tridecane isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Undecane dimethyl isomer	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Undecane methyl isomer (01)	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Undecane methyl isomer (02)	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	

NOTES:
Any Regulatory Exceedences are highlighted and bolded
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U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 7
UIC Analytical Results - VOCs and SVOCs
UIC Orient Fire District
23300 Main Road, Orient, New York

Sample ID								UIC007		UIC008		UIC009		UIC010		UIC00X[1]	
York ID								25A0469-07		25A0469-08		25A0469-09		25A0469-10		25A0469-11	
Sampling Date								1/8/2025 11:30:00 AM		1/8/2025 1:19:00 PM		1/8/2025 1:30:00 PM		1/8/2025 1:45:00 PM		1/8/2025 10:05:00 AM	
Matrix								Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	9.8	13	130	250	0.1	0.019	U	0.019	U	0.0189	U	0.0189	U	0.0189	U
Semi-Volatiles, Tentatively Identified Cmpds.								mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								2		2		2		2		2	
1,1'-Biphenyl isomer RT12.31	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
1,1'-Biphenyl isomer RT12.33	NA	~	~	~	~	~	~	NT		NT		NT		NT		1.44	JD
11H-Benzo[b]fluorene isomer...	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
1-Cyclohexene isomer RT19.77	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
1H-Cyclopropa[l]phenanthren...	000949-41-7	~	~	~	~	~	~	NT		NT		NT		NT		NT	
2,3-Dimethyl-6-(3-methyl-bu...	071940-30-2	~	~	~	~	~	~	NT		NT		NT		NT		NT	
28-Nor-17 isomer RT19.21	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
28-Nor-17.alpha.(H)-hopane ...	053584-60-4	~	~	~	~	~	~	NT		NT		NT		NT		NT	
4H-Cyclopenta[def]phenanthr...	000203-64-5	~	~	~	~	~	~	NT		NT		NT		NT		3.290	JDN
9,10-Anthracenedione Isomer...	NA	~	~	~	~	~	~	NT		NT		NT		NT		2.230	JD
Anthracene, 9-methyl- isome...	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Benzo[a]pyrene isomer RT18.14	NA	~	~	~	~	~	~	1.14	JD	NT		NT		NT		NT	
Benzo[e]pyrene isomer RT18.13	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Benzo[k]fluoranthene isomer...	NA	~	~	~	~	~	~	NT		NT		NT		NT		9	JD
Des-d-dammaran-13-one isome...	NA	~	~	~	~	~	~	NT		NT		NT		NT		1.56	JD
Fluoranthene, 2-methyl- iso...	NA	~	~	~	~	~	~	NT		NT		NT		NT		1.27	JD
Fluoranthene, 2-methyl-isom...	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Phenanthrene isomer RT11.00	NA	~	~	~	~	~	~	NT		NT		NT		NT		1.05	JD
Phenanthrene isomer RT11.05	NA	~	~	~	~	~	~	NT		NT		NT		NT		1.15	JD
Phenanthrene, 1-methyl-isom... (01)	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Phenanthrene, 1-methyl-isom... (02)	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Pyrene, 1-methyl-isomer RT1...	NA	~	~	~	~	~	~	NT		NT		NT		NT		NT	
Tentatively Identified Compounds		~	~	~	~	~	~	NT		0	U	0	U	0	U	NT	
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
1,2-Dichlorobenzene	95-50-1	1.1	100	100	500	1,000	1.1	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
1,3-Dichlorobenzene	541-73-1	2.4	17	49	280	560	2.4	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	13	130	250	1.8	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2-Chloronaphthalene	91-58-7	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2-Chlorophenol	95-57-8	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2-Methylnaphthalene	91-57-6	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0857	JD
2-Methylphenol	95-48-7	0.33	100	100	500	1,000	0.33	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
2-Nitroaniline	88-74-4	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
2-Nitrophenol	88-75-5	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
3- & 4-Methylphenols	65794-96-9	0.33	34	100	500	1,000	0.33	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
3-Nitroaniline	99-09-2	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
4-Chloroaniline	106-47-8	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
4-Nitroaniline	100-01-6	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
4-Nitrophenol	100-02-7	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
Acenaphthene	83-32-9	20	100	100	500	1,000	98	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.344	D
Acenaphthylene	208-96-8	100	100	100	500	1,000	107	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0857	JD
Acetophenone	98-86-2	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Aniline	62-53-3	~	~	~	~	~	~	0.185	U	0.194	U	0.181	U	0.176	U	0.259	U
Anthracene	120-12-7	100	100	100	500	1,000	1,000	0.106	D	0.0486	U	0.0453	U	0.0439	U	0.759	D
Atrazine	1912-24-9	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Benzaldehyde	100-52-7	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Benzidine	92-87-5	~	~	~	~	~	~	0.185	U	0.194	U	0.181	U	0.176	U	0.259	U
Benzo(a)anthracene	56-55-3	1	1	1	5.6	11	1	0.681	D	0.0486	U	0.0453	U	0.0439	U	NT	
Benzo(a)pyrene	50-32-8	1	1	1	1	1.1	22	**1.16**	D	0.0486	U	0.0453	U	0.0439	U	NT	
Benzo(b)fluoranthene	205-99-2	1	1	1	5.6	11	1.7	**1.52**	D	0.0486	U	0.0453	U	0.0439	U	NT	
Benzo(g,h,i)perylene	191-24-2	100	100	100	500	1,000	1,000	0.989	D	0.0486	U	0.0453	U	0.0439	U	NT	
Benzo(k)fluoranthene	207-08-9	0.8	1	3.9	56	110	1.7	**1.17**	D	0.0486	U	0.0453	U	0.0439	U	NT	
Benzoic acid	65-85-0	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Benzyl alcohol	100-51-6	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	~	~	0.0855	JD	0.0486	U	0.0453	U	0.0439	U	1.05	D
Caprolactam	105-60-2	~	~	~	~	~	~	0.0922	U	0.0969	U	0.0904	U	0.0877	U	0.129	U
Carbazole	86-74-8	~	~	~	~	~	~	0.157	D	0.0486	U	0.0453	U	0.0439	U	1.13	D
Chrysene	218-01-9	1	1	3.9	56	110	1	**1.5**	D	0.0486	U	0.0453	U	0.0439	U	NT	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.56	1.1	1,000	0.218	D	0.0486	U	0.0453	U	0.0439	U	**2**	D
Dibenzofuran	132-64-9	7	14	59	350	1,000	210	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.133	D
Diethyl phthalate	84-66-2	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Dimethyl phthalate	131-11-3	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Di-n-butyl phthalate	84-74-2	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Fluoranthene	206-44-0	100	100	100	500	1,000	1,000	2.34	D	0.0486	U	0.0453	U	0.0439	U	NT	
Fluorene	86-73-7	30	100	100	500	1,000	386	0.0486	JD	0.0486	U	0.0453	U	0.0439	U	0.585	D
Hexachlorobenzene	118-74-1	0.33	0.33	1.2	6	12	3.2	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Hexachloroethane	67-72-1	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	5.6	11	8.2	**0.918**	D	0.0486	U	0.0453	U	0.0439	U	NT	
Isophorone	78-59-1	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Naphthalene	91-20-3	12	100	100	500	1,000	12	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Nitrobenzene	98-95-3	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	~	~	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Pentachlorophenol	87-86-5	0.8	2.4	6.7	6.7	55	0.8	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Phenanthrene	85-01-8	100	100	100	500	1,000	1,000	0.885	D	0.0486	U	0.0453	U	0.0439	U	NT	
Phenol	108-95-2	0.33	100	100	500	1,000	0.33	0.0462	U	0.0486	U	0.0453	U	0.0439	U	0.0648	U
Pyrene	129-00-0	100	100	100	500	1,000	1,000	2.01	D	0.0486	U	0.0453	U	0.0439	U	NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
[1]UIC00X is a duplicate of UIC004
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 8
UIC Analytical Results - Pesticides, Metals, Herbicides, PCBs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID / York ID / Sampling Date / Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	UIC001 25A0469-01 1/8/2025 8:45:00 AM Soil		UIC002 25A0469-02 1/8/2025 9:05:00 AM Soil		UIC003 25A0469-03 1/8/2025 9:29:00 AM Soil		UIC004 25A0469-04 1/8/2025 10:03:00 AM Soil		UIC005 25A0469-05 1/8/2025 10:30:00 AM Soil		UIC006 25A0469-06 1/8/2025 11:07:00 AM Soil	
Compound	CAS Number							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00193	U	**0.00379**	U	0.00216	U	0.00328	D	0.00267	U	0.00235	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00193	U	**0.00379**	U	0.00216	U	**0.00693**	D	0.00267	U	0.00235	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00193	U	**0.00379**	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0386	U	0.0759	U	0.0433	U	0.0513	U	0.0534	U	0.0471	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00193	U	0.00379	U	0.00216	U	0.00257	U	0.00267	U	0.00235	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00193	U	0.00379	U	0.00216	U	0.00295	DP	0.00267	U	0.00235	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.193	U	0.379	U	0.216	U	0.257	U	0.267	U	0.235	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	9,420		16,500		5,370		8,800		7,470		4,640	
Antimony	7440-36-0	~	~	~	~	~	~	2.45	U	4.82	U	2.75	U	3.26	U	3.42	U	2.98	U
Arsenic	7440-38-2	13	16	16	16	16	16	3.36		5.63		2.62		11		8.29		3.26	
Barium	7440-39-3	350	350	400	400	10,000	820	20.9		50.9		16.9		40.1		27.7		17.2	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.329		0.609		0.194		0.339		0.264		0.16	
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.294	U	0.887		0.33	U	1.47		0.944		0.358	U
Calcium	7440-70-2	~	~	~	~	~	~	651		4,080		626		2,290		2,180		1,510	
Chromium	7440-47-3	~	~	~	~	~	~	12.8		33.8		8.24		19		16.5		9.4	
Cobalt	7440-48-4	~	~	~	~	~	~	4.81		7.23		2.57		5.95		6.47		3.17	
Copper	7440-50-8	50	270	270	270	10,000	1,720	18.6		**115**		15.5		**68.3**		**135**		25.2	
Iron	7439-89-6	~	~	~	~	~	~	6,730		15,500		5,440		10,400		8,520		5,040	
Lead	7439-92-1	63	400	400	1,000	3,900	450	11.3		**83.7**		12.5		53		49		17.6	
Magnesium	7439-95-4	~	~	~	~	~	~	1,420		3,020		1,130		1,920		2,200		1,210	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	56.7		108		41.6		63.9		57.5		40.1	
Nickel	7440-02-0	30	140	310	310	10,000	130	7.22		26.2		5.54		21.4		15.9		9.59	
Potassium	7440-09-7	~	~	~	~	~	~	574		1,260		409		724		560		361	
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.45	U	**4.82**	U	2.75	U	3.26	U	3.42	U	2.98	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.494	U	0.972	U	0.554	U	0.657	U	0.689	U	0.601	U
Sodium	7440-23-5	~	~	~	~	~	~	49.1	U	341		55	U	178		158		134	
Thallium	7440-28-0	~	~	~	~	~	~	2.45	U	4.82	U	2.75	U	3.26	U	3.42	U	2.98	U
Vanadium	7440-62-2	~	~	~	~	~	~	20.7		66.1		16.7		73.7		31.9		39	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	33.1		**596**		53.1		**746**		**267**		64.7	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0449		**0.346**		0.0396	U	0.154		0.0566		**0.193**	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	1	22	110	400	800	19	0.589	U	**1.16**	U	0.66	U	0.783	U	0.821	U	0.716	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.589	U	1.16	U	0.66	U	0.983		0.821	U	0.716	U
Total Solids								%		%		%		%		%		%	
Dilution Factor								1		1		1		1		1		1	
% Solids	solids	~	~	~	~	~	~	84.9		43.2		75.8		63.9		60.9		69.8	
HERB, 8151 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
2,4,5-T	93-76-5	~	~	~	~	~	~	0.0232	U	0.0455	U	0.026	U	0.0308	U	0.0323	U	0.0282	U
2,4,5-TP (Silvex)	93-72-1	3.8	58	100	500	1,000	3.8	0.0232	U	0.0455	U	0.026	U	0.0308	U	0.0323	U	0.0282	U
2,4-D	94-75-7	~	~	~	~	~	~	0.0232	U	0.0455	U	0.026	U	0.0308	U	0.0323	U	0.0282	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0195	U	0.0383	U	0.0218	U	0.0259	U	0.027	U	0.0238	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]UIC00X is a duplicate of UIC004
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 8
UIC Analytical Results - Pesticides, Metals, Herbicides, PCBs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Industrial	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	UIC007 25A0469-07 1/8/2025 11:30:00 AM Soil		UIC008 25A0469-08 1/8/2025 1:19:00 PM Soil		UIC009 25A0469-09 1/8/2025 1:30:00 PM Soil		UIC010 25A0469-10 1/8/2025 1:45:00 PM Soil		UIC00X[1] 25A0469-11 1/8/2025 10:05:00 AM Soil	
Compound	**CAS Number**							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	13	92	180	14	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
4,4'-DDE	72-55-9	0.0033	1.8	8.9	62	120	17	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
4,4'-DDT	50-29-3	0.0033	1.7	7.9	47	94	136	0.00214	DP	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Aldrin	309-00-2	0.005	0.019	0.097	0.68	1.4	0.19	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
alpha-BHC	319-84-6	0.02	0.097	0.48	3.4	6.8	0.02	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
alpha-Chlordane	5103-71-9	0.094	0.91	4.2	24	47	2.9	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
beta-BHC	319-85-7	0.036	0.072	0.36	3	14	0.09	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Chlordane, total	57-74-9	~	~	~	~	~	~	0.0365	U	0.0383	U	0.0358	U	0.0347	U	0.051	U
delta-BHC	319-86-8	0.04	100	100	500	1,000	0.25	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Dieldrin	60-57-1	0.005	0.039	0.2	1.4	2.8	0.1	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Endosulfan I	959-98-8	2.4	4.8	24	200	920	102	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Endosulfan II	33213-65-9	2.4	4.8	24	200	920	102	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Endosulfan sulfate	1031-07-8	2.4	4.8	24	200	920	1,000	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Endrin	72-20-8	0.014	2.2	11	89	410	0.06	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	~	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Endrin ketone	53494-70-5	~	~	~	~	~	~	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	1.3	9.2	23	0.1	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
gamma-Chlordane	5566-34-7	~	~	~	~	~	~	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Heptachlor	76-44-8	0.042	0.42	2.1	15	29	0.38	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	~	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Methoxychlor	72-43-5	~	~	~	~	~	~	0.00182	U	0.00192	U	0.00179	U	0.00173	U	0.00255	U
Toxaphene	8001-35-2	~	~	~	~	~	~	0.182	U	0.192	U	0.179	U	0.173	U	0.255	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aluminum	7429-90-5	~	~	~	~	~	~	4,250		5,020		2,420		4,060		8,160	
Antimony	7440-36-0	~	~	~	~	~	~	2.33	U	2.45	U	2.29	U	2.22	U	3.26	U
Arsenic	7440-38-2	13	16	16	16	16	16	2.7		1.49		1.37	U	1.49		11.1	
Barium	7440-39-3	350	350	400	400	10,000	820	35.9		22.8		12.7		11.9		37.9	
Beryllium	7440-41-7	7.2	14	72	590	2,700	47	0.189		0.148		0.108		0.165		0.313	
Cadmium	7440-43-9	2.5	2.5	4.3	9.3	60	7.5	0.429		0.294	U	0.275	U	0.266	U	1.03	
Calcium	7440-70-2	~	~	~	~	~	~	662		681		220		346		2,230	
Chromium	7440-47-3	~	~	~	~	~	~	8		8.67		4.18		3.76		27.3	
Cobalt	7440-48-4	~	~	~	~	~	~	2.81		2.27		1.09		2.8		5.82	
Copper	7440-50-8	50	270	270	270	10,000	1,720	39.8		43.3		27.6		10.3		**58.1**	
Iron	7439-89-6	~	~	~	~	~	~	7,680		6,160		3,610		7,030		9,200	
Lead	7439-92-1	63	400	400	1,000	3,900	450	21.4		6.55		4.1		2.8		**84.7**	
Magnesium	7439-95-4	~	~	~	~	~	~	959		1,290		559		1,170		1,810	
Manganese	7439-96-5	1,600	2,000	2,000	10,000	10,000	2,000	133		48.2		24.4		165		57.2	
Nickel	7440-02-0	30	140	310	310	10,000	130	8.56		4.86		2.1		3.02		15.8	
Potassium	7440-09-7	~	~	~	~	~	~	573		553	B	246	B	291	B	539	B
Selenium	7782-49-2	3.9	36	180	1,500	6,800	4	2.33	U	2.45	U	2.29	U	2.22	U	3.26	U
Silver	7440-22-4	2	36	180	1,500	6,800	8.3	0.47	U	0.494	U	0.461	U	0.447	U	0.657	U
Sodium	7440-23-5	~	~	~	~	~	~	46.7	U	66		45.8	U	44.4	U	144	
Thallium	7440-28-0	~	~	~	~	~	~	2.33	U	1.18	U	1.1	U	1.07	U	1.56	U
Vanadium	7440-62-2	~	~	~	~	~	~	11.6		13.9		6.98		8.8		44.2	
Zinc	7440-66-6	109	2,200	10,000	10,000	10,000	2,480	**140**		19.9		12.3		11.1		**434**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.81	2.8	5.7	0.73	0.0587		0.0353	U	0.0539		0.032	U	**0.207**	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	1	22	110	400	800	19	0.56	U	0.589	U	0.549	U	0.533	U	0.782	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Cyanide, total	57-12-5	27	27	27	27	10,000	40	0.56	U	0.589	U	0.549	U	0.533	U	0.782	U
Total Solids								%		%		%		%		%	
Dilution Factor								1		1		1		1		1	
% Solids	solids	~	~	~	~	~	~	89.3		84.9		91.1		93.9		63.9	
HERB, 8151 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
2,4,5-T	93-76-5	~	~	~	~	~	~	0.022	U	0.0232	U	0.0216	U	0.021	U	0.0308	U
2,4,5-TP (Silvex)	93-72-1	3.8	58	100	500	1,000	3.8	0.022	U	0.0232	U	0.0216	U	0.021	U	0.0308	U
2,4-D	94-75-7	~	~	~	~	~	~	0.022	U	0.0232	U	0.0216	U	0.021	U	0.0308	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor								1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	~	~	~	~	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U
Aroclor 1221	11104-28-2	~	~	~	~	~	~	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U
Aroclor 1232	11141-16-5	~	~	~	~	~	~	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U
Aroclor 1242	53469-21-9	~	~	~	~	~	~	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U
Aroclor 1248	12672-29-6	~	~	~	~	~	~	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U
Aroclor 1254	11097-69-1	~	~	~	~	~	~	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U
Aroclor 1260	11096-82-5	~	~	~	~	~	~	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U
Total PCBs	1336-36-3	0.1	1	1	1	25	3.2	0.0184	U	0.0194	U	0.0181	U	0.0175	U	0.0257	U

NOTES:
Any Regulatory Exceedences are highlighted and bolded
[1]UIC00X is a duplicate of UIC004
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 9
Groundwater Analytical Results - PFAS
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Human Health Criteria PFAS – Apr2023	MW001 25A0590-08 1/9/2025 4:00:00 PM Ground Water		MW002 25A0590-09 1/9/2025 2:00:00 PM Ground Water		MW003 25A0590-10 1/9/2025 12:10:00 PM Ground Water		MW004 25A0590-11 1/9/2025 10:00:00 AM Ground Water		MW00X[1] 25A0590-12 1/9/2025 12:55:00 PM Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ng/L	ng/L		ng/L		ng/L		ng/L		ng/L	
Dilution Factor			1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	1.31	U	1.27	U	1.31	U	1.28	U	1.28	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	1.94	U	1.88	U	47		1.96	J	44.6	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	1.7	U	1.64	U	1.7	U	1.66	U	1.66	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	7.12	U	6.89	U	36.7		6.95	U	36.4	
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	8.98	U	8.7	U	8.97	U	8.78	U	8.8	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	6.95	U	6.73	U	6.94	U	6.79	U	6.81	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	1.93	U	1.87	U	1.92	U	1.88	U	1.89	U
9CL-PF3ONS	756426-58-1	~	0.664	U	0.643	U	0.663	U	0.649	U	0.65	U
ADONA	919005-14-4	~	0.503	U	0.487	U	0.502	U	0.491	U	0.492	U
HFPO-DA (Gen-X)	13252-13-6	~	3.06	U	2.97	U	3.06	U	2.99	U	3	U
N-EtFOSA	4151-50-2	~	1.71	U	1.65	U	1.7	U	1.67	U	1.67	U
N-EtFOSAA	2991-50-6	~	0.977	U	0.946	U	1.49	J	0.954	U	1.25	J
N-EtFOSE	1691-99-2	~	3.79	U	3.67	U	3.78	U	3.7	U	3.71	U
N-MeFOSA	31506-32-8	~	1.5	U	1.45	U	1.5	U	1.46	U	1.47	U
N-MeFOSAA	2355-31-9	~	0.75	U	0.726	U	1.05	J	0.732	U	0.822	J
N-MeFOSE	24448-09-7	~	3.79	U	3.67	U	3.78	U	3.7	U	3.71	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	0.474	U	0.459	U	0.473	U	0.463	U	0.465	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	8.55		1.21	U	3.05		1.22	U	1.72	J
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	0.863	U	0.836	U	26.9		124		24.9	
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	0.816	U	0.79	U	0.814	U	0.797	U	1.22	J
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	0.835	U	0.809	U	6.29		0.815	U	5.65	
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	1.3	J	0.698	U	49.2		46.7		45.7	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	2.03	U	1.97	U	2.03	U	1.98	U	1.99	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	0.237	U	0.23	U	0.237	U	0.232	U	0.232	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	0.351	U	0.34	U	0.35	U	0.343	U	0.344	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	1.85		3.96		59		22.6		59.7	
Perfluorodecanoic acid (PFDA)	335-76-2	~	6.56		2		6.34		0.695	U	6.88	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	0.882	U	0.854	U	0.881	U	0.862	U	0.864	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	0.835	U	0.809	U	10.7		0.815	U	9.2	
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	3.41		21.6		112		165		112	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	7.38		3.78		361		971		338	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	6.1		93.1		123		217		112	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	0.313	U	15.8		45.1		85.2		44	
Perfluorononanoic acid (PFNA)	375-95-1	~	0.917	J	2.32		22.7		25.4		23.8	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	2.7	**34.5**		**14.6**		**3,850**		**5,700**		**3,970**	
Perfluorooctanoic acid (PFOA)	335-67-1	6.7	4.75		**24.8**		**48.4**		**181**		**46.6**	
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	5.96		101		122		238		121	
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	0.655	U	0.634	U	0.653	U	0.639	U	0.641	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	0.702	U	0.68	U	0.701	U	0.686	U	0.688	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	1.07	U	1.04	U	5.7		1.05	U	5	

NOTES:
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U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 10
Groundwater Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID		NYSDEC TOGS Standards and Guidance Values - GA	MW001		MW002		MW003		MW004		MW00X[1]	
York ID			25A0590-08		25A0590-09		25A0590-10		25A0590-11		25A0590-12	
Sampling Date			1/9/2025 4:00:00 PM		1/9/2025 2:00:00 PM		1/9/2025 12:10:00 PM		1/9/2025 10:00:00 AM		1/9/2025 12:55:00 PM	
Client			Ground Water		Ground Water		Ground Water		Ground Water		Ground Water	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	71-55-6	5	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	79-00-5	1	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	75-34-3	5	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	75-35-4	5	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,2,3-Trichlorobenzene	87-61-6	5	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	96-18-4	0.04	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U
1,2,4-Trichlorobenzene	120-82-1	5	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	95-63-6	5	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	106-93-4	0.0006	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	95-50-1	3	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
1,2-Dichloroethane	107-06-2	0.6	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	78-87-5	1	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	108-67-8	5	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	541-73-1	3	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	142-28-9	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,4-Dichlorobenzene	106-46-7	3	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U
1,4-Dioxane	123-91-1	0.35	35.3	U	35.3	U	35.3	U	35.3	U	35.3	U
2-Butanone	78-93-3	50	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U
2-Hexanone	591-78-6	50	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
4-Methyl-2-pentanone	108-10-1	~	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U
Acetone	67-64-1	50	1.34	U	1.34	U	1.34	U	1.56	J	1.34	U
Acrolein	107-02-8	~	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U
Acrylonitrile	107-13-1	~	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U
Benzene	71-43-2	1	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
Bromochloromethane	74-97-5	5	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U
Bromodichloromethane	75-27-4	50	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U
Bromoform	75-25-2	50	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U
Bromomethane	74-83-9	5	0.119	U	0.119	U	0.119	U	0.119	U	0.119	U
Carbon disulfide	75-15-0	~	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	56-23-5	5	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U
Chlorobenzene	108-90-7	5	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U
Chloroethane	75-00-3	5	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U
Chloroform	67-66-3	7	0.243	U	0.3	J	0.243	U	0.243	U	0.243	U
Chloromethane	74-87-3	5	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	156-59-2	5	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U
Cyclohexane	110-82-7	~	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U
Dibromochloromethane	124-48-1	50	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U
Dibromomethane	74-95-3	~	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	75-71-8	5	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U
Ethyl Benzene	100-41-4	5	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Hexachlorobutadiene	87-68-3	0.5	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U
Isopropylbenzene	98-82-8	5	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U
Methyl acetate	79-20-9	~	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U
Methylcyclohexane	108-87-2	~	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U
Methylene chloride	75-09-2	5	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U
Naphthalene	91-20-3	10	0.212	U	0.212	U	0.212	U	0.212	U	0.212	U
n-Butylbenzene	104-51-8	5	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U
n-Propylbenzene	103-65-1	5	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U
o-Xylene	95-47-6	5	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U
p- & m- Xylenes	179601-23-1	~	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U
p-Diethylbenzene	105-05-5	~	0.341	U	0.341	U	0.341	U	0.341	U	0.341	U
p-Ethyltoluene	622-96-8	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
p-Isopropyltoluene	99-87-6	5	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	135-98-8	5	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U
Styrene	100-42-5	5	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.608	U	0.62	J	0.608	U	0.608	U	0.608	U
tert-Butylbenzene	98-06-6	5	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	127-18-4	5	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U
Toluene	108-88-3	5	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U
trans-1,2-Dichloroethylene	156-60-5	5	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U
Trichloroethylene	79-01-6	5	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U
Trichlorofluoromethane	75-69-4	5	0.337	U	0.337	U	0.337	U	0.337	U	0.337	U
Vinyl Chloride	75-01-4	2	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U
Xylenes, Total	1330-20-7	5	0.839	U	0.839	U	0.839	U	0.839	U	0.839	U
Volatile Organics, Tentatively Identified Cmpds.			ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Tentatively Identified Compounds		~	0	U	0	U	0	U	0	U	0	U

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Table 10
Groundwater Analytical Results - VOCs/SVOCs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Client		NYSDEC TOGS Standards and Guidance Values - GA	MW001 25A0590-08 1/9/2025 4:00:00 PM Ground Water		MW002 25A0590-09 1/9/2025 2:00:00 PM Ground Water		MW003 25A0590-10 1/9/2025 12:10:00 PM Ground Water		MW004 25A0590-11 1/9/2025 10:00:00 AM Ground Water		MW00X[1] 25A0590-12 1/9/2025 12:55:00 PM Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
1,4-Dioxane	123-91-1	0.35	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Semi-Volatiles, Tentatively Identified Cmpds.			ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Tentatively Identified Compounds		~	0	U	0	U	0	U	0	U	0	U
SVOA, 8270 LOW MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
1,1-Biphenyl	92-52-4	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,4,5-Trichlorophenol	95-95-4	1	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,4,6-Trichlorophenol	88-06-2	1	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,4-Dichlorophenol	120-83-2	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,4-Dimethylphenol	105-67-9	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,4-Dinitrophenol	51-28-5	10	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,4-Dinitrotoluene	121-14-2	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2,6-Dinitrotoluene	606-20-2	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2-Chloronaphthalene	91-58-7	10	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2-Chlorophenol	95-57-8	1	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2-Methylnaphthalene	91-57-6	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2-Methylphenol	95-48-7	1	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2-Nitroaniline	88-74-4	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
2-Nitrophenol	88-75-5	1	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
3- & 4-Methylphenols	65794-96-9	1	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
3,3-Dichlorobenzidine	91-94-1	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
3-Nitroaniline	99-09-2	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
4,6-Dinitro-2-methylphenol	534-52-1	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
4-Bromophenyl phenyl ether	101-55-3	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
4-Chloro-3-methylphenol	59-50-7	1	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
4-Chloroaniline	106-47-8	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
4-Nitroaniline	100-01-6	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
4-Nitrophenol	100-02-7	1	5.46	U	6.06	U	6.06	U	5	U	5.46	U
Acetophenone	98-86-2	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Benzaldehyde	100-52-7	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Benzyl butyl phthalate	85-68-7	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Bis(2-chloroethoxy)methane	111-91-1	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Bis(2-chloroethyl)ether	111-44-4	1	1.09	U	1.21	U	1.21	U	1	U	1.09	U
Bis(2-chloroisopropyl)ether	108-60-1	5	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Caprolactam	105-60-2	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Carbazole	86-74-8	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Dibenzofuran	132-64-9	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Diethyl phthalate	84-66-2	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Dimethyl phthalate	131-11-3	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Di-n-butyl phthalate	84-74-2	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Di-n-octyl phthalate	117-84-0	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Hexachlorocyclopentadiene	77-47-4	5	5.46	U	6.06	U	6.06	U	5	U	5.46	U
Isophorone	78-59-1	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
N-nitroso-di-n-propylamine	621-64-7	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
N-Nitrosodiphenylamine	86-30-6	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Phenol	108-95-2	1	0.82	U	0.91	U	0.91	U	0.75	U	0.82	U
Propargite	2312-35-8	~	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
Pyridine	110-86-1	50	2.73	U	3.03	U	3.03	U	2.5	U	2.73	U
SVOA, 8270 SIM MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Acenaphthene	83-32-9	20	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Acenaphthylene	208-96-8	~	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Anthracene	120-12-7	50	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Atrazine	1912-24-9	~	0.546	U	0.606	U	0.606	U	0.5	U	0.546	U
Benzo(a)anthracene	56-55-3	0.002	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Benzo(a)pyrene	50-32-8	0.002	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Benzo(b)fluoranthene	205-99-2	0.002	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Benzo(g,h,i)perylene	191-24-2	~	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Benzo(k)fluoranthene	207-08-9	0.002	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.546	U	0.606	U	0.606	U	0.74		0.546	U
Chrysene	218-01-9	0.002	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Dibenzo(a,h)anthracene	53-70-3	~	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Fluoranthene	206-44-0	50	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Fluorene	86-73-7	50	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.208	
Hexachlorobenzene	118-74-1	0.04	0.0219	U	0.0242	U	0.0242	U	0.02	U	0.0219	U
Hexachlorobutadiene	87-68-3	0.5	0.546	U	0.606	U	0.606	U	0.5	U	0.546	U
Hexachloroethane	67-72-1	5	0.546	U	0.606	U	0.606	U	0.5	U	0.546	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Naphthalene	91-20-3	10	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Nitrobenzene	98-95-3	0.4	0.273	U	0.303	U	0.303	U	0.25	U	0.273	U
N-Nitrosodimethylamine	62-75-9	~	0.546	U	0.606	U	0.606	U	0.5	U	0.546	U
Pentachlorophenol	87-86-5	1	0.273	U	0.303	U	0.303	U	0.25	U	0.273	U
Phenanthrene	85-01-8	50	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U
Pyrene	129-00-0	50	0.0546	U	0.0606	U	0.0606	U	0.05	U	0.0546	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
[1]MW00X is a duplicate of MW003
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table 11
Groundwater Analytical Results - Pesticides, Metals, Herbicide, PCBs
Orient Fire District
23300 Main Road, Orient, New York

Sample ID York ID Sampling Date Client		NYSDEC TOGS Standards and Guidance Values - GA	MW001 25A0590-08 1/9/2025 4:00:00 PM Ground Water		MW002 25A0590-09 1/9/2025 2:00:00 PM Ground Water		MW003 25A0590-10 1/9/2025 12:10:00 PM Ground Water		MW004 25A0590-11 1/9/2025 10:00:00 AM Ground Water		MW00X[1] 25A0590-12 1/9/2025 12:55:00 PM Ground Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
4,4'-DDD	72-54-8	0.3	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
4,4'-DDE	72-55-9	0.2	0.004	U	0.00407		0.004	U	0.004	U	0.004	U
4,4'-DDT	50-29-3	0.2	0.004	U	0.00508		0.004	U	0.004	U	0.004	U
Aldrin	309-00-2	~	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
alpha-BHC	319-84-6	0.01	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
alpha-Chlordane	5103-71-9	~	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
beta-BHC	319-85-7	0.04	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Chlordane, total	57-74-9	0.05	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chlordane, total (alpha, gamma)	57-74-9	0.05	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
delta-BHC	319-86-8	0.04	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Dieldrin	60-57-1	0.004	0.002	U	**0.00582**		0.002	U	0.004		0.002	U
Endosulfan I	959-98-8	~	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Endosulfan II	33213-65-9	~	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Endosulfan sulfate	1031-07-8	~	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Endrin	72-20-8	~	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Endrin aldehyde	7421-93-4	5	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Endrin ketone	53494-70-5	5	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
gamma-BHC (Lindane)	58-89-9	0.05	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
gamma-Chlordane	5566-34-7	~	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Heptachlor	76-44-8	0.04	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Heptachlor epoxide	1024-57-3	0.03	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Methoxychlor	72-43-5	35	0.004	U	0.004	U	0.004	U	0.004	U	0.004	U
Toxaphene	8001-35-2	0.06	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Metals, Target Analyte, ICP		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aluminum	7429-90-5	~	170		223		55.6	U	196		55.6	U
Barium	7440-39-3	1,000	31.7		27.8	U	27.8	U	36.8		27.8	U
Calcium	7440-70-2	~	45,900		8,240		22,300		27,400		22,300	
Chromium	7440-47-3	50	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Cobalt	7440-48-4	~	20.2		4.44	U	4.44	U	5.67		4.44	U
Copper	7440-50-8	200	22.2	U	22.2	U	22.2	U	22.2	U	22.2	U
Iron	7439-89-6	~	278	U	278	U	278	U	278	U	278	U
Lead	7439-92-1	25	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Magnesium	7439-95-4	35,000	15,400		2,560		2,210		7,960		2,230	
Manganese	7439-96-5	300	**892**		187		194		**630**		195	
Nickel	7440-02-0	100	11.1	U	11.1	U	11.1	U	11.1	U	11.1	U
Potassium	7440-09-7	~	4,230		1,490		1,820		2,670		1,780	
Silver	7440-22-4	50	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20,000	**31,600**		**73,600**		12,100		18,500		12,100	
Vanadium	7440-62-2	~	11.10	U	11.1	U	11.1	U	11.1	U	11.1	U
Zinc	7440-66-6	2,000	27.8	U	27.8	U	27.8	U	27.8	U	27.8	U
Metals, Target Analyte, ICPMS		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Antimony	7440-36-0	3	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Arsenic	7440-38-2	25	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Beryllium	7440-41-7	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	7440-43-9	5	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	7782-49-2	10	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Thallium	7440-28-0	~	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Mercury by 7470/7471		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Mercury	7439-97-6	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chromium, Hexavalent		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	50	10	U	10	U	10	U	10	U	10	U
Cyanide, Total		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Cyanide, total	57-12-5	200	10	U	10	U	10	U	10	U	10	U
HERB, 8151 MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
2,4,5-T	93-76-5	35	5	U	5	U	5	U	5	U	5	U
2,4,5-TP (Silvex)	93-72-1	0.26	5	U	5	U	5	U	5	U	5	U
2,4-D	94-75-7	50	5	U	5	U	5	U	5	U	5	U
PCB, 8082 MASTER		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			1		1		1		1		1	
Aroclor 1016	12674-11-2	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1221	11104-28-2	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1232	11141-16-5	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1242	53469-21-9	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1248	12672-29-6	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1254	11097-69-1	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aroclor 1260	11096-82-5	~	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Total PCBs	1336-36-3	0.09	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
[1]MW00X is a duplicate of MW003
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

APPENDIX A

Site Photographs


View of GPR near MW004.


View of mark out of septic tanks and propane tank near the red building.


View of sample location marking for SB001.


View of GPR for septic tank near red building.

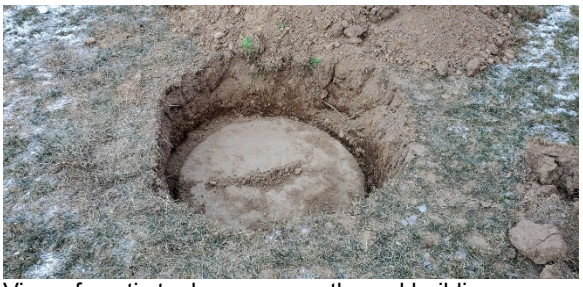

View of GPR for MW001.


View of three phase underground electric near MW003/SB003.


View of drilling SB001.


View of drilling SB004.


View of drilling SB003.


View of septic tank cover near the red building..


View of drilling for MW003.


View of drilling SB002.


View of drilling for MW003.

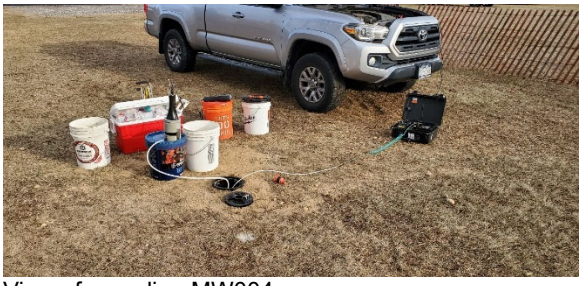

Uncovered sanitary system near red building.


View of drilling for MW004.

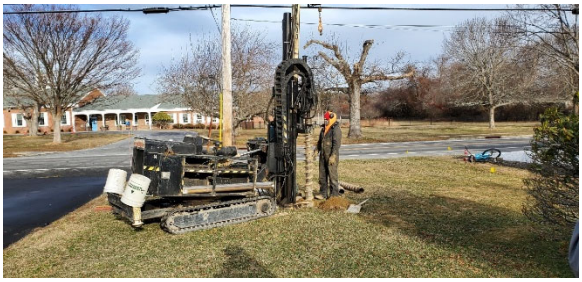

View of sampling UIC006.


View of vapor pin installed.


View of vapor pin cover.

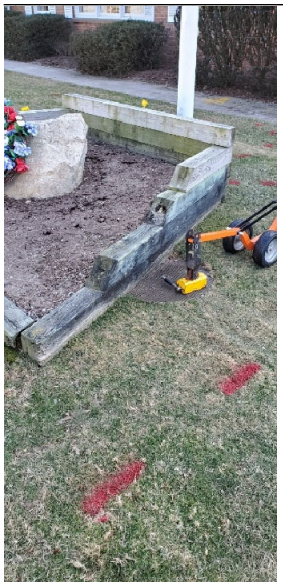

View of sampling MW004.


View of sampling SB006.


View of drilling MW002.


View of sampling the septic next to the red building.


Backfilled septic tank cover to grade near red building.


View of stuck cover for main septic tank for main building.


View of MW003.


View of MW001.


View of MW004.


View of MW002.


View of drummed material stored on southern end of the property.


View of sanitary system (septic tank and cesspool) backfilled to grade.

APPENDIX B

Soil Boring Logs

H2M architects + engineers
538 Broad Hollow Road, 4th Fl. East Melville, NY 11747
tel 631.756.8000

Boring/Well # SB001
Well Permit # _____

SOIL BORING LOG & MONITORING WELL DIAGRAM

Date: 1/7/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Partly Cloudy	Cloudy	Rainy	Snow
TEMP.	<32F	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	Strong		
HUMIDITY	Low	Med.	High		

Boring Diameter: _____
Well Diameter: _____
Casing Diameter: _____
Depth of Well: _____
Screened Interval: _____
Screen Slot Size _____
Sand/Gravel Pack: _____
Grout Interval _____
Annular Seal _____
Flush Mount/Stick Up _____

Depth (feet)	Core #	Blow-count (6 inches)	Total Recovery (inches)	Depth to Water	PID (ppm)	Depth of Change	Description	Remarks
1–5	1		44"		0		0-3ft brown silty sand 3-5ft Tan Medium Sand	
6–10	2		24"		0		5-10ft Brown Coarse Sand	
11–15	3		46"	~14ft	0		10-15ft Light brown medium sand	
16–20								
21–25								

H2M architects + engineers
538 Broad Hollow Road, 4th Fl. East Melville, NY 11747
tel 631.756.8000

Boring/Well # SB002
Well Permit # _____

SOIL BORING LOG & MONITORING WELL DIAGRAM

Date: 1/7/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Partly Cloudy	Cloudy	Rainy	Snow
TEMP.	<32F	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	Strong		
HUMIDITY	Low	Med.	High		

Boring Diameter:
Well Diameter:
Casing Diameter:
Depth of Well:
Screened Interval:
Screen Slot Size
Sand/Gravel Pack:
Grout Interval
Annular Seal
Flush Mount/Stick Up

Depth (feet)	Core #	Blow-count (6 inches)	Total Recovery (inches)	Depth to Water	PID (ppm)	Depth of Change	Description	Remarks
1–5	1		39"		0		0-3ft brown silty sand 3-15ft Light brown medium sand	
6–10	2		39"		0.1			
11–15	3		43"	~14ft	0			
16–20								
21–25								

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Boring/Well # SB003
Well Permit # _____
Page 1 of 1

SOIL BORING LOG & MONITORING WELL DIAGRAM

Date: 1/7/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Partly Cloudy	Cloudy	Rainy	Snow
TEMP.	<32F	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	Strong		
HUMIDITY	Low	Med.	High		

Boring Diameter: _____
Well Diameter: _____
Casing Diameter: _____
Depth of Well: _____
Screened Interval: _____
Screen Slot Size _____
Sand/Gravel Pack: _____
Grout Interval _____
Annular Seal _____
Flush Mount/Stick Up _____

Depth (feet)	Core #	Blow-count (6 inches)	Total Recovery (inches)	Depth to Water	PID (ppm)	Depth of Change	Description	Remarks
1–5	1		33"		0		0-4ft brown silty sand 3-15ft Light brown medium sand	SB00X Collected with SB003 (0-2")
6–10	2		29"		0			
11–15	3		45"	~14ft	0			
16–20								
21–25								

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538 Broad Hollow Road, 4th Fl. East Melville, NY 11747
tel 631.756.8000

Boring/Well # SB004
Well Permit # _____

SOIL BORING LOG & MONITORING WELL DIAGRAM

Date:	1/7/2025
Project Name:	ORFD
Project Number	ORFD2301
Project Location:	23300 Main Road, Orient
Drilling Contractor:	Lakewood
Driller/Helper:	Adam & Mike
Drill Rig/Method:	Geoprobe 6610DT
H2M Staff:	TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Partly Cloudy	Cloudy	Rainy	Snow
TEMP.	<32F	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	Strong		
HUMIDITY	Low	Med.	High		

Boring Diameter:	
Well Diameter:	
Casing Diameter:	
Depth of Well:	
Screened Interval:	
Screen Slot Size	
Sand/Gravel Pack:	
Grout Interval	
Annular Seal	
Flush Mount/Stick Up	

Depth (feet)	Core #	Blow-count (6 inches)	Total Recovery (inches)	Depth to Water	PID (ppm)	Depth of Change	Description	Remarks
1							0-1ft concrete 1-4ft light brown silty sand	
2	1		35"		0			
3								
4							4-15ft light brown medium sand	
5								
6								
7	2		37"		0			
8								
9								
10								
11								
12	3		47"		0			
13								
14				~14ft				
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

H2M architects + engineers
538 Broad Hollow Road, 4th Fl. East Melville, NY 11747
tel 631.756.8000

Boring/Well # SB005
Well Permit # _____

SOIL BORING LOG & MONITORING WELL DIAGRAM

Date: 1/7/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	(Clear)	Partly Cloudy	Cloudy	Rainy	Snow
TEMP.	(<32F)	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	(Strong)		
HUMIDITY	(Low)	Med.	High		

Boring Diameter: _____
Well Diameter: _____
Casing Diameter: _____
Depth of Well: _____
Screened Interval: _____
Screen Slot Size _____
Sand/Gravel Pack: _____
Grout Interval _____
Annular Seal _____
Flush Mount/Stick Up _____

Depth (feet)	Core #	Blow-count (6 inches)	Total Recovery (inches)	Depth to Water	PID (ppm)	Depth of Change	Description	Remarks
1–5	1		45"		0		0-5ft light brown silty sand	
6–10	2		50"		0		5-15ft Light brown medium grain sand	
11–15	3		49"		0			
16–20								
21–25								

H2M architects + engineers
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tel 631.756.8000

Boring/Well # SB006
Well Permit # _____

SOIL BORING LOG & MONITORING WELL DIAGRAM

Date:	1/9/2025
Project Name:	ORFD
Project Number	ORFD2301
Project Location:	23300 Main Road, Orient
Drilling Contractor:	Lakewood
Driller/Helper:	Adam & Mike
Drill Rig/Method:	Geoprobe 6610DT
H2M Staff:	TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Partly Cloudy	(Cloudy)	Rainy	Snow
TEMP.	(<32F)	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	(Strong)		
HUMIDITY	(Low)	Med.	High		

Boring Diameter:	
Well Diameter:	
Casing Diameter:	
Depth of Well:	
Screened Interval:	
Screen Slot Size	
Sand/Gravel Pack:	
Grout Interval	
Annular Seal	
Flush Mount/Stick Up	

Depth (feet)	Core #	Blow-count (6 inches)	Total Recovery (inches)	Depth to Water	PID (ppm)	Depth of Change	Description	Remarks
1							0-2ft brown medium sand	
2	1		44"		0		2-3ft light brown silty sand	
3							3-5ft Tannish brown medium sand and gravel	
4								
5								
6	2		45"		0		5-10ft Reddish tan medium grain sand with gravel	
7								
8								
9								
10								
11	3		36"	~14ft	0		10-15ft reddish tank medium grain sand and gravel	
12								
13								
14								
15								
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23								
24								
25								

H2M architects + engineers
538 Broad Hollow Road, 4th Fl. East Melville, NY 11747
tel 631.756.8000

Boring/Well # SB007
Well Permit # _____

SOIL BORING LOG & MONITORING WELL DIAGRAM

Date: 1/9/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Partly Cloudy	(Cloudy)	Rainy	Snow
TEMP.	(<32F)	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	(Strong)		
HUMIDITY	(Low)	Med.	High		

Boring Diameter: _____
Well Diameter: _____
Casing Diameter: _____
Depth of Well: _____
Screened Interval: _____
Screen Slot Size _____
Sand/Gravel Pack: _____
Grout Interval _____
Annular Seal _____
Flush Mount/Stick Up _____

Depth (feet)	Core #	Blow-count (6 inches)	Total Recovery (inches)	Depth to Water	PID (ppm)	Depth of Change	Description	Remarks
1	1		42"		0.5		0-2ft brown medium sand with organics	
					0.6			
					0.8			
2					0.9			
					0.9		2-5ft Tannish brown sand and gravel	
3					1			
					0.9			
4								
5								
6	2		52"		1.4		5-6ft tan medium grain sand with gravel	
					1.3			
					1.3		6-10ft brown medium grain sand and gravel	
7					1.3			
					1.3			
8					1.3			
					1.3			
9					1.3			
					1.3			
10								
11	3		45"	~14ft	1.5		10-15ft reddish tank medium grain sand and gravel	
					1.6			
					1.7			
12					1.7			
					1.5			
13					1.5			
					1.4			
14					1.4			
					1.4			
15					1.4			
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

APPENDIX C

Groundwater Monitoring Well Construction Diagrams

H2M architects + engineers
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Melville, NY 11747
tel 631.756.8000

Boring/Well # MW001

Well Permit # _____

Page _____ of _____

WELL DIAGRAM

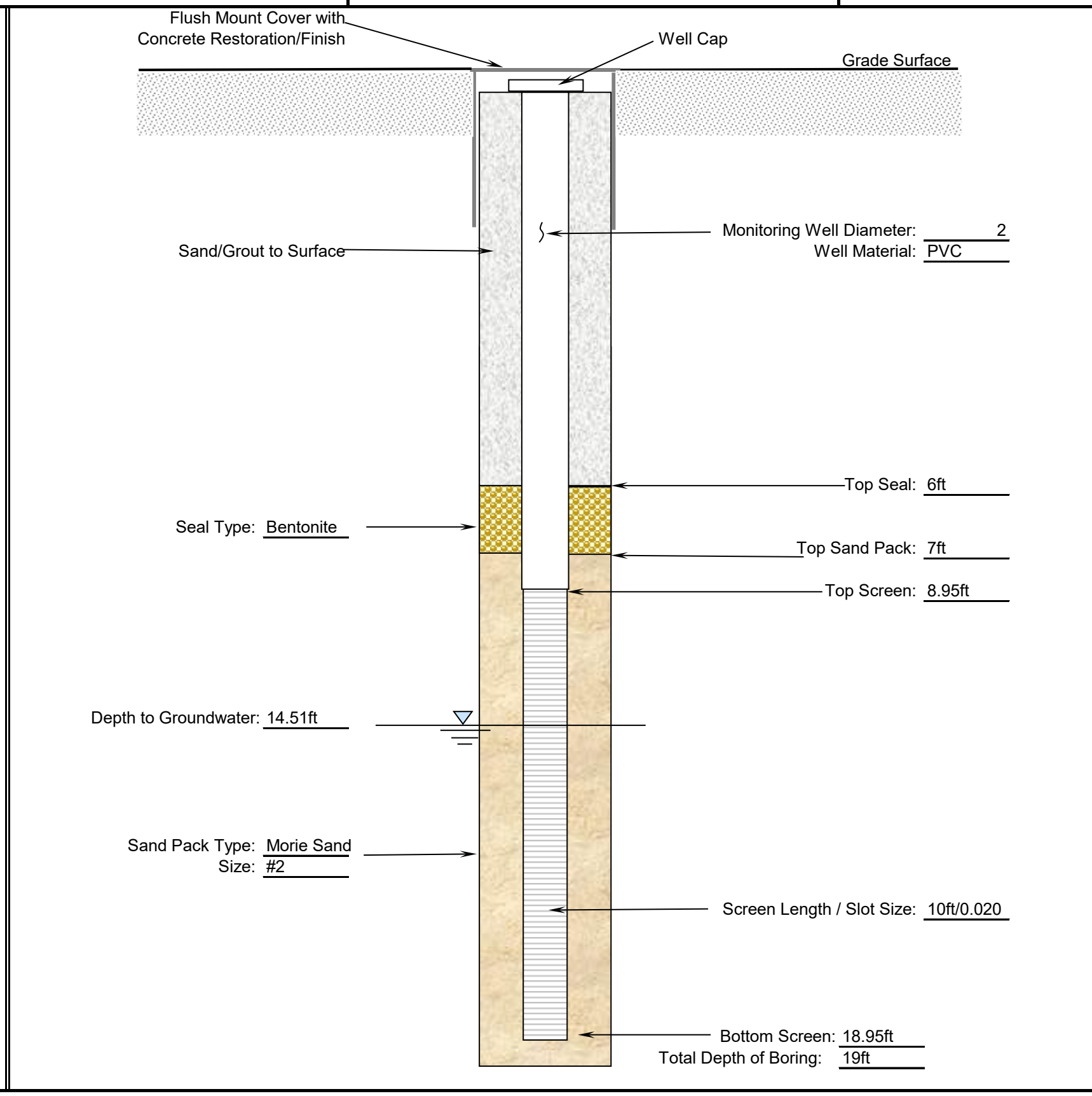
Date: 1/9/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient, NY
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Cloudy	(Cloudy)	Rainy	Snow
TEMP.	(<32F)	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	(Strong)		
HUMIDITY	(Low)	Med.	High		

Boring Diameter: 3"
Well Diameter: 2"
Casing Diameter: 3"
Depth of Well: 19ft
Screened Interval: 8.95-18.95
Screen Slot Size: 0.02
Sand/Gravel Pack: #2 Morie Sand
Grout Interval: 1-6ft
Annular Seal 6-7ft
Flush Mount/Stick Up Flush Mount



Notes:

H2M architects + engineers
538 Broad Hollow Road, 4th Fl. East
Melville, NY 11747
tel 631.756.8000

Boring/Well # MW002

Well Permit # _____

Page _____ of _____

WELL DIAGRAM

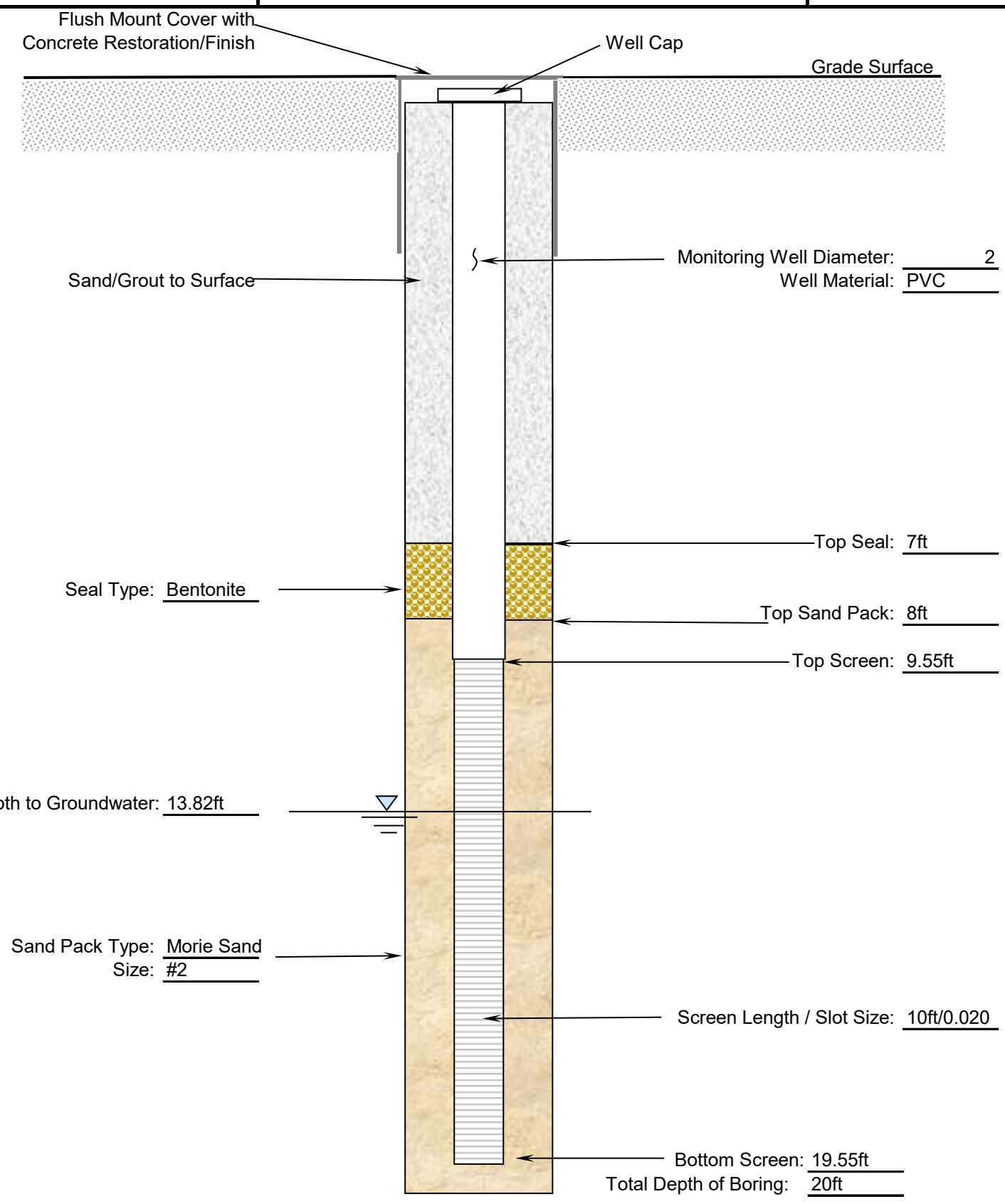
Date: 1/9/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient, NY
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Cloudy	(Cloudy)	Rainy	Snow
TEMP.	(<32F)	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	(Strong)		
HUMIDITY	(Low)	Med.	High		

Boring Diameter: 3"
Well Diameter: 2"
Casing Diameter: 3"
Depth of Well: 20ft
Screened Interval: 9.55-19.55ft
Screen Slot Size: 0.02
Sand/Gravel Pack: #2 Morie Sand
Grout Interval: 1-7ft
Annular Seal 7-8ft
Flush Mount/Stick Up Flush Mount



Notes:

H2M architects + engineers
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Melville, NY 11747
tel 631.756.8000

Boring/Well # MW003
Well Permit #
Page _____ of _____

WELL DIAGRAM

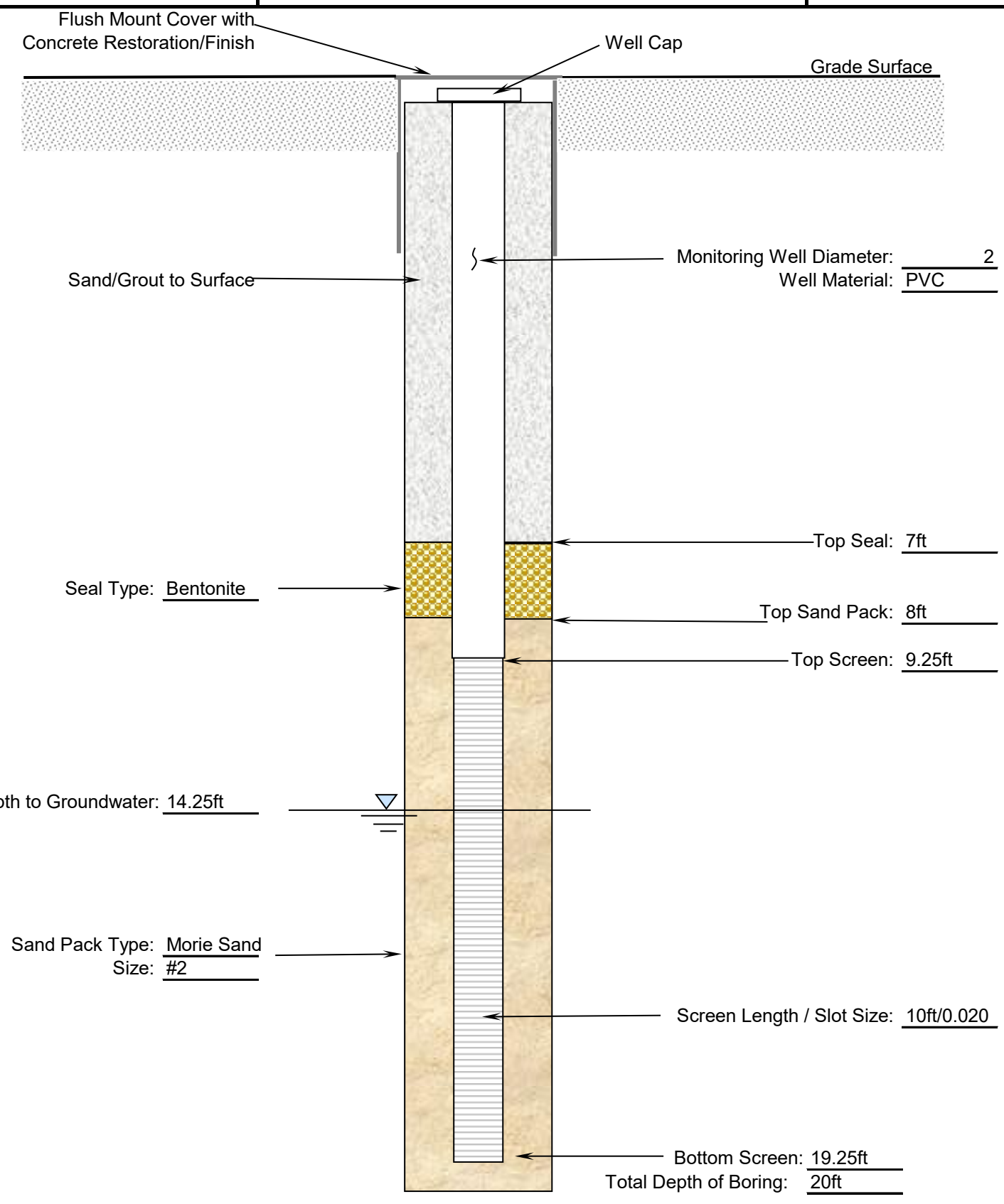
Date: 1/9/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient, NY
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Cloudy	(Cloudy)	Rainy	Snow
TEMP.	(<32F)	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	(Strong)		
HUMIDITY	(Low)	Med.	High		

Boring Diameter: 3"
Well Diameter: 2"
Casing Diameter: 3"
Depth of Well: 20ft
Screened Interval: 9.25-19.25ft
Screen Slot Size: 0.02
Sand/Gravel Pack: #2 Morie Sand
Grout Interval: 1-7ft
Annular Seal 7-8ft
Flush Mount/Stick Up Flush Mount



Notes:

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Melville, NY 11747
tel 631.756.8000

Boring/Well # MW004

Well Permit # _____

Page _____ of _____

WELL DIAGRAM

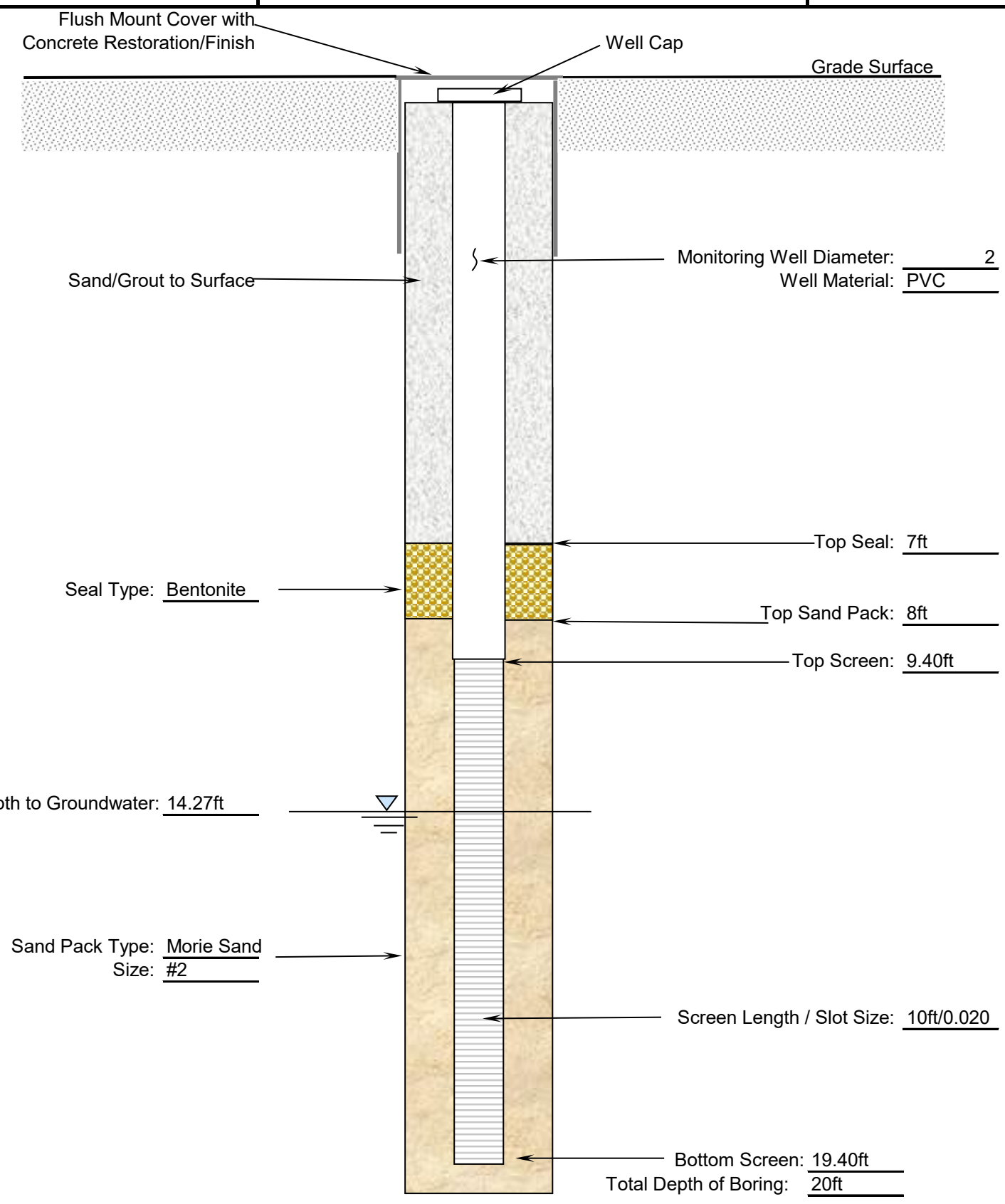
Date: 1/9/2025
Project Name: ORFD
Project Number ORFD2301
Project Location: 23300 Main Road, Orient, NY
Drilling Contractor: Lakewood
Driller/Helper: Adam & Mike
Drill Rig/Method: Geoprobe 6610DT
H2M Staff: TB & TM

Site Conditions

Weather

Sky/Precip.	Clear	Cloudy	(Cloudy)	Rainy	Snow
TEMP.	(<32F)	32-50F	50-70F	70-80F	80-90F
WIND	None	Light	(Strong)		
HUMIDITY	(Low)	Med.	High		

Boring Diameter: 3"
Well Diameter: 2"
Casing Diameter: 3"
Depth of Well: 20ft
Screened Interval: 9.40-19.40ft
Screen Slot Size: 0.02
Sand/Gravel Pack: #2 Morie Sand
Grout Interval: 1-7ft
Annular Seal 7-8ft
Flush Mount/Stick Up Flush Mount



Notes:

APPENDIX D

Low-Flow Groundwater Sampling Logs

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

SHEET 1 OF 1 .

SITE/ PROJECT #:	ORFD2301	**CONSULTING FIRM:**	H2M
DATE:	1/9/2025	**FIELD PERSONNEL:**	TB & TM
WEATHER:	25F, Overcast		

MONITOR WELL #:	MW001	**WELL DEPTH:**	18.95 **feet**	**SCREENED/OPEN INTERVAL:**	8.95-18.95
WELL PERMIT #:	N/A	**WELL DIAMETER:**	2.00 **inches**		

PID/FID	**BACKGROUND:**	NA	**PUMP INTAKE DEPTH:**	18.00 **ft. below TOC**	
READINGS (PPM):	**BENEATH OUTER CAP:**	NA	**DEPTH TO WATER BEFORE PUMP INSTALL:**	14.51 **ft. below TOC**	
	BENEATH INNER CAP:	0.00	**MAKE/MODEL OF PUMP:**	Geotech Bladder Pump	

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
14:45:00 PM	X		6.50	N/A	0.60	N/A	60.00	N/A	3.00	N/A	362.00	N/A	11.46	N/A	NA	NA
14:50:00 PM	X		6.50	0.00	0.60	0.00%	24.00	-36.00	2.03	-32.33%	126.00	-65.19%	11.72	2.27%	NA	NA
14:55:00 PM	X		6.46	-0.04	0.60	-0.33%	30.00	6.00	1.92	-5.42%	85.00	-32.54%	11.70	-0.17%	NA	NA
15:00:00 PM	X		6.47	0.01	0.60	-0.33%	33.00	3.00	1.75	-8.85%	74.00	-12.94%	11.67	-0.26%	NA	NA
15:05:00 PM	X		6.48	0.01	0.60	-0.33%	38.00	5.00	1.73	-1.14%	61.30	-17.16%	11.72	0.43%	NA	NA
15:10:00 PM	X		6.44	-0.04	0.60	-0.17%	43.00	5.00	1.82	5.20%	49.30	-19.58%	11.77	0.43%	NA	NA
15:15:00 PM	X		6.46	0.02	0.59	-0.17%	50.00	7.00	1.87	2.75%	27.80	-43.61%	11.89	1.02%	NA	NA
15:20:00 PM	X		6.43	-0.03	0.59	-0.34%	53.00	3.00	1.94	3.74%	24.00	-13.67%	11.68	-1.77%	NA	NA
15:25:00 PM	X		6.44	0.01	0.59	-0.17%	60.00	7.00	2.02	4.12%	21.20	-11.67%	11.72	0.34%	NA	NA
15:30:00 PM	X		6.42	-0.02	0.59	0.00%	62.00	2.00	2.07	2.48%	18.40	-13.21%	11.77	0.43%	NA	NA
15:35:00 PM	X		6.44	0.02	0.59	-0.34%	67.00	5.00	2.15	3.86%	17.50	-4.89%	11.57	-1.70%	NA	NA

#.## = **Stable**

Comments: Sampled MW001 @ 16:00 Lakewood completed the 5-gallon minimum purge quantity, then replaced with bladder pump and Horiba low-flow sampling equipment for additional purging and sampling. Factory-new tubings and bladders utilized.

***INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:** ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity. **Ideal Pumping Rate is 200.00 ml/min (acceptable range between 100 ml/min and 500 ml/min). Water level <0.3 feet change over 3 consecutive readings.**

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

SHEET 1 OF 1 .

SITE/ PROJECT #:	ORFD2301	**CONSULTING FIRM:**	H2M
DATE:	1/9/2025	**FIELD PERSONNEL:**	TB & TM
WEATHER:	25F, Overcast		

MONITOR WELL #:	MW002	**WELL DEPTH:**	19.55 **feet**	**SCREENED/OPEN INTERVAL:**	9.55-19.55
WELL PERMIT #:	N/A	**WELL DIAMETER:**	2.00 **inches**		

PID/FID	**BACKGROUND:**	NA	**PUMP INTAKE DEPTH:**	19.00	**ft. below TOC**
READINGS (PPM):	**BENEATH OUTER CAP:**	NA	**DEPTH TO WATER BEFORE PUMP INSTALL:**	13.82	**ft. below TOC**
	BENEATH INNER CAP:	0.00	**MAKE/MODEL OF PUMP:**	Geotech Bladder Pump	

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
13:35:00 PM	X		6.70	N/A	0.45	N/A	127.00	N/A	2.96	N/A	76.40	N/A	13.60	N/A	NA	NA
13:40:00 PM	X		6.69	-0.01	0.45	-0.88%	115.00	-12.00	2.55	-13.85%	45.10	-40.97%	13.65	0.37%	NA	NA
13:45:00 PM	X		6.70	0.01	0.45	-0.45%	107.00	-8.00	2.38	-6.67%	30.10	-33.26%	13.64	-0.07%	NA	NA
13:50:00 PM	X		6.69	-0.01	0.45	-0.45%	104.00	-3.00	2.21	-7.14%	19.60	-34.88%	13.61	-0.22%	NA	NA
13:55:00 AM	X		6.69	0.00	0.44	-0.22%	103.00	-1.00	2.18	-1.36%	14.60	-25.51%	13.60	-0.07%	NA	NA
14:00:00 PM	X		6.67	-0.02	0.44	0.00%	103.00	0.00	2.15	-1.38%	13.20	-9.59%	13.61	0.07%	NA	NA

#.## = **Stable**

Comments: Sampled MW002 @ 14:00 Lakewood completed the 5-gallon minimum purge quantity, then replaced with bladder pump and Horiba low-flow sampling equipment for additional purging and sampling. Factory-new tubings and bladders utilized.

***INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:** ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity. **Ideal Pumping Rate is 200.00 ml/min (acceptable range between 100 ml/min and 500 ml/min). Water level <0.3 feet change over 3 consecutive readings.**

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

SHEET 1 OF 1 .

SITE/ PROJECT #:	ORFD2301	**CONSULTING FIRM:**	H2M
DATE:	1/9/2025	**FIELD PERSONNEL:**	TB & TM
WEATHER:	25F, Overcast		

MONITOR WELL #:	MW003	**WELL DEPTH:**	19.25 **feet**	**SCREENED/OPEN INTERVAL:**	9.25-19.25
WELL PERMIT #:	N/A	**WELL DIAMETER:**	2.00 **inches**		

PID/FID	**BACKGROUND:**	NA	**PUMP INTAKE DEPTH:**	18.50 **ft. below TOC**
READINGS (PPM):	**BENEATH OUTER CAP:**	NA	**DEPTH TO WATER BEFORE PUMP INSTALL:**	14.25 **ft. below TOC**
	BENEATH INNER CAP:	0.00	**MAKE/MODEL OF PUMP:**	Geotech Bladder Pump

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
11:45 AM	X		6.62	N/A	0.24	N/A	105.00	N/A	2.91	N/A	55.00	N/A	14.07	N/A	NA	NA
11:50 AM	X		6.56	-0.06	0.24	-1.24%	109.00	4.00	2.76	-5.15%	23.00	-58.18%	14.17	0.71%	NA	NA
11:55 AM	X		6.56	0.00	0.24	-1.67%	109.00	0.00	2.60	-5.80%	15.50	-32.61%	14.39	1.55%	NA	NA
12:00 PM	X		6.55	-0.01	0.23	-0.85%	109.00	0.00	2.53	-2.69%	10.70	-30.97%	14.38	-0.07%	NA	NA
12:05 PM	X		6.57	0.02	0.23	-0.43%	109.00	0.00	2.42	-4.35%	6.00	-43.93%	14.43	0.35%	NA	NA
12:10 PM	X		6.61	0.04	0.23	-0.86%	111.00	2.00	2.46	1.65%	5.50	-8.33%	14.42	-0.07%	NA	NA

#.## = **Stable**

Comments: Sampled MW003 @ 12:10 MW00X @ 12:55 Lakewood completed the 5-gallon minimum purge quantity, then replaced with bladder pump and Horiba low-flow sampling equipment for additional purging and sampling. Factory-new tubings and bladders utilized.

***INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:** ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity. **Ideal Pumping Rate is 200.00 ml/min (acceptable range between 100 ml/min and 500 ml/min). Water level <0.3 feet change over 3 consecutive readings.**

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

SHEET 1 OF 1 .

SITE/ PROJECT #: ORFD2301 **CONSULTING FIRM:** H2M

DATE: 1/9/2025 **FIELD PERSONNEL:** TB & TM

WEATHER: 25F, Overcast

MONITOR WELL #: MW004 **WELL DEPTH:** 19.40 **feet** **SCREENED/OPEN INTERVAL:** 9.40-19.40

WELL PERMIT #: N/A **WELL DIAMETER:** 2.00 **inches**

PID/FID READINGS (PPM):

BACKGROUND: NA **PUMP INTAKE DEPTH:** 18.50 **ft. below TOC**

BENEATH OUTER CAP: NA **DEPTH TO WATER BEFORE PUMP INSTALL:** 14.27 **ft. below TOC**

BENEATH INNER CAP: 0.00 **MAKE/MODEL OF PUMP:** Geotech Bladder Pump

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
9:30 AM	X		5.56	N/A	0.36	N/A	151.00	N/A	5.28	N/A	372.00	N/A	12.41	N/A	NA	NA
9:35 AM	X		5.59	0.03	0.37	1.39%	159.00	8.00	5.32	0.76%	110.00	-70.43%	12.52	0.89%	NA	NA
9:40 AM	X		5.76	0.17	0.37	0.82%	161.00	2.00	5.30	-0.38%	52.20	-52.55%	12.63	0.88%	NA	NA
9:45 AM	X		5.63	-0.13	0.37	0.54%	171.00	10.00	5.60	5.66%	36.40	-30.27%	12.54	-0.71%	NA	NA
9:50 AM	X		5.76	0.13	0.37	0.00%	163.00	-8.00	5.67	1.25%	33.70	-7.42%	12.51	-0.24%	NA	NA
9:55 AM	X		5.80	0.04	0.37	-0.54%	156.00	-7.00	5.67	0.00%	19.50	-42.14%	12.53	0.16%	NA	NA
10:00 AM	X		5.85	0.05	0.37	-0.27%	156.00	0.00	5.71	0.71%	18.70	-4.10%	12.45	-0.64%	NA	NA

#.## = **Stable**

Comments: Sampled MW004 @ 10:00 MW004 MS @ 10:40 MW004 MSD @ 11:07 Lakewood completed the 5-gallon minimum purge quantity, then replaced with bladder pump and Horiba low-flow sampling equipment for additional purging and sampling. Factory-new tubings and bladders utilized.

***INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:** ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity. **Ideal Pumping Rate is 200.00 ml/min (acceptable range between 100 ml/min and 500 ml/min). Water level <0.3 feet change over 3 consecutive readings.**

APPENDIX E

Vapor Intrusion Sample Form and NYSDOH Questionnaire

H 2 M architects + engineers

538 Broad Hollow Road, 4th Fl. East
Melville, NY 11747
tel 631.756.8000

Project	ORFD2301
Site:	23300 Main Road, Orient, NY
Date:	1/10/2025
Other Information (Sampling Personnel):	TB & TM

Sample No.	1	2	3	4	
Location	Boiler Room	Boiler Room	Conference Room	Near Transformer	
Summa ID	SV001	SV00X	IA001	OA001	
Summa S/N	23991	34496	48319	36963	
Regulator ID	19432	20436	17987	21044	
Analysis	TO-15	TO-15	TO-15	TO-15	
Start Pressure	-29	-30	-30	-30	
End Pressure	-2	-6	-6	-2	
Time Start	10:35	10:36	10:30	10:40	
Time Stop	8:37	8:38	8:40	8:35	
Total Time	22:02	22:02	22:00	21:55	
SUMMA Went to Ambient	No	No	No	No	
Flow Rate					
Sample Vol. (L)	6L	6L	6L	6L	
Probe Depth (ft)	Vapor Pin	Vapor Pin	NA	NA	
Tracer Gas	Water Damn Test	Water Damn Test	NA	NA	
Tracer Resists (%)	Pass	Pass	NA	NA	
PID (ppm)	0	0	0	0	

Ambient Temperature (°F):	**24**	**Barometric Pressure (in. Hg)**	**29.68**
Average Wind Direction:	**NW -> SE**	**Average Humidity (%):**	**50**
Average Wind Speed (mph):	**30**	**Notes:**	

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Thomas Brown Date/Time Prepared 1/10/25 10:15

Preparer's Affiliation H2M Phone No._____

Purpose of Investigation_____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: _____First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: Fire department

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 3

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age_____

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Garage Bay Doors

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation *	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas *	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Ductless

Are there air distribution ducts present? Y / (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	NA
1st Floor	Fire Truck Storage, Conference Room, Offices
2nd Floor	NA
3rd Floor	NA
4th Floor	NA

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA Please specify Fire Trucks

d. Has the building ever had a fire? Y / N When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? Y / N Where & Type?_____

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? (Y) / N When & Type? Cleaning lady comes daily

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? Roof

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

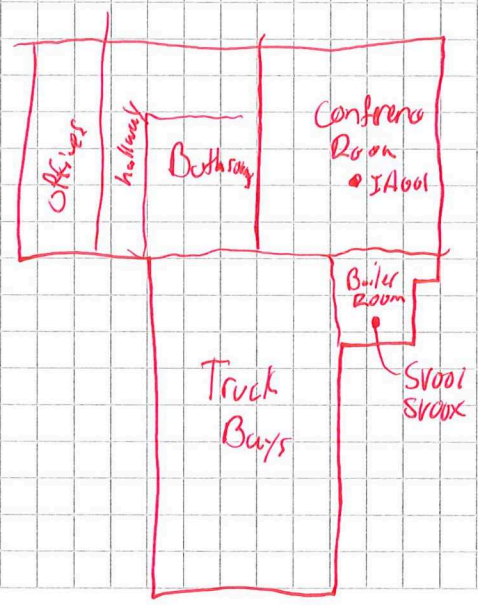
d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

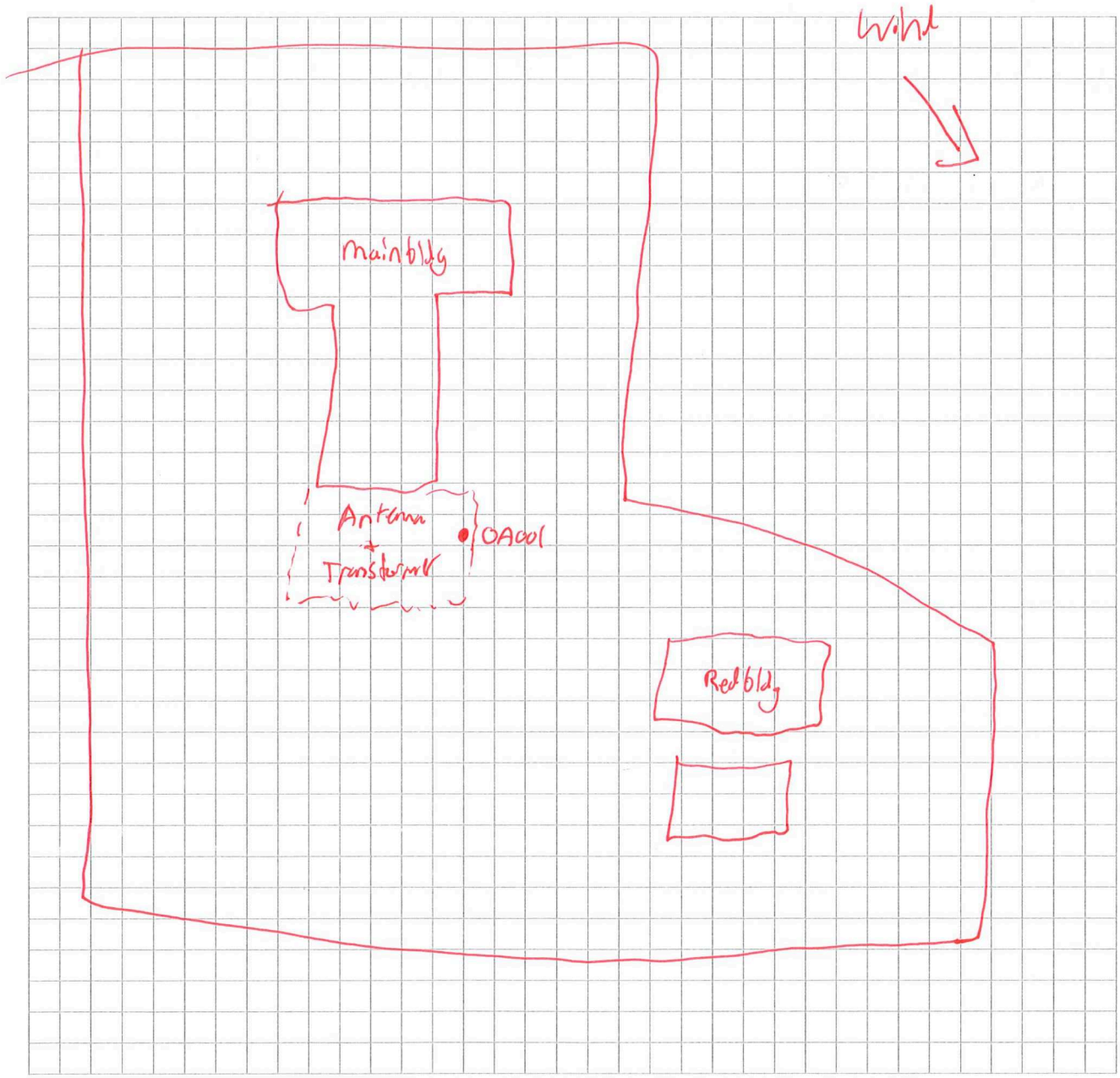
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Entrance	Hand Sanitizer	18 fl oz	U	Ethyl Alcohol 80%	2.0	N
	Id Air Cleaning machine					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

APPENDIX F

Air Monitoring Logs

Client: Orient Fire District
Location: 23300 Main Road, Orient, NY
Project Name: Orient Fire District Site Characterization - Site ID: 152273
H2M Project #: ORFD2301

Date: 1/7/2025
Weather: Sunny, Clear, High 30ºF
Prevailing Wind: NW to SE 25 MPH
Environmental Monitor: TJM

AIR MONITORING LOG

TIME	MONITORING STATION #1 (Upwind)		MONITORING STATION #2 (Downwind)		Notes
	VOCs (ppm)	Dust Trak (mg/m^3)	VOCs (ppm)	Dust Trak (mg/m^3)	
Serial / ID #:	US Env - 592-601158	8530203042	US Env - 592-914277	8530192317	
8:20:00 AM	0.0	0.018	0.0	0.006	
8:35:00 AM	0.0	-0.005	0.0	0.006	First soil boring.
8:50:00 AM	0.0	-0.004	0.0	0.009	
9:05:00 AM	0.0	-0.002	0.0	0.010	Second soil boring.
9:20:00 AM	0.0	-0.001	0.0	0.011	
9:35:00 AM	0.0	-0.002	0.0	0.011	
9:50:00 AM	0.0	-0.003	0.0	0.011	
10:05:00 AM	0.0	-0.002	0.0	0.011	Third soil boring.
10:20:00 AM	0.0	-0.003	0.0	0.011	
10:35:00 AM	0.0	-0.002	0.0	0.011	Fourth soil boring.
10:50:00 AM	0.0	-0.002	0.0	0.011	
11:05:00 AM	0.0	0.001	0.0	0.011	
11:20:00 AM	0.0	-0.004	0.0	0.010	
11:35:00 AM	0.0	-0.004	0.0	0.009	
11:50:00 AM	0.0	-0.003	0.0	0.009	
12:05:00 PM	0.0	-0.004	0.0	0.009	Lunch break.
12:20:00 PM	0.0	-0.004	0.0	0.009	
12:35:00 PM	0.0	-0.003	0.1	0.008	
12:50:00 PM	0.0	-0.002	0.1	0.008	
1:05:00 PM	0.0	-0.003	0.1	0.009	
1:20:00 PM	0.0	-0.004	0.1	0.008	
1:35:00 PM	0.0	-0.003	0.1	0.009	Fifth soil boring.
1:50:00 PM	0.0	-0.003	0.1	0.008	

Client: Orient Fire District
Location: 23300 Main Road, Orient, NY
Project Name: Orient Fire District Site Characterization - Site ID: 152273
H2M Project #: ORFD2301

Date: 1/8/2025
Weather: Sunny, Clear, High 30ºF
Prevailing Wind: NW to SE 25 MPH
Environmental Monitor: TJM

AIR MONITORING LOG

TIME	MONITORING STATION #1 (Upwind)		MONITORING STATION #2 (Downwind)		Notes
	VOCs (ppm)	Dust Trak (mg/m^3)	VOCs (ppm)	Dust Trak (mg/m^3)	
Serial / ID #:	US Env - 592-601158	8530203042	US Env - 592-914277	8530192317	
8:10:00 AM	0.0	-0.004	0.0	0.003	Drilling first monitoring well and UIC sampling.
8:25:00 AM	0.0	-0.008	0.0	0.004	
8:40:00 AM	0.0	-0.009	0.0	0.005	
8:55:00 AM	0.0	-0.006	0.0	0.006	
9:10:00 AM	0.0	-0.005	0.0	0.007	
9:25:00 AM	0.0	-0.005	0.0	0.007	
9:40:00 AM	0.0	-0.005	0.0	0.008	
9:55:00 AM	0.0	-0.005	0.0	0.008	Drilling second monitoring well and UIC sampling.
10:10:00 AM	0.0	-0.005	0.0	0.009	
10:25:00 AM	0.0	-0.005	0.0	0.008	
10:40:00 AM	0.0	-0.006	0.0	0.008	
10:55:00 AM	0.0	-0.005	0.0	0.008	
11:10:00 AM	0.0	-0.005	0.0	0.008	
11:25:00 AM	0.0	-0.005	0.0	0.008	
11:40:00 AM	0.0	-0.005	0.0	0.007	Lunch break.
11:55:00 AM	0.0	-0.005	0.0	0.007	
12:10:00 PM	0.0	-0.005	0.0	0.007	
12:25:00 PM	0.0	-0.004	0.0	0.008	Drilling third monitoring well.
12:40:00 PM	0.0	-0.004	0.0	0.007	
12:55:00 PM	0.0	-0.004	0.0	0.007	UIC sampling north of main building.
1:10:00 PM	0.0	-0.003	0.0	0.008	
1:25:00 PM	0.0	-0.004	0.0	0.008	
1:40:00 PM	0.0	-0.004	0.0	0.008	

Client: Orient Fire District
Location: 23300 Main Road, Orient, NY
Project Name: Orient Fire District Site Characterization - Site ID: 152273
H2M Project #: ORFD2301

Date: 1/9/2025
Weather: Overcast, High 30ºF
Prevailing Wind: NW to SE 25 MPH
Environmental Monitor: TJM

AIR MONITORING LOG

TIME	MONITORING STATION #1 (Upwind)		MONITORING STATION #2 (Downwind)		Notes
	VOCs (ppm)	Dust Trak (mg/m^3)	VOCs (ppm)	Dust Trak (mg/m^3)	
Serial / ID #:	US Env - 592-601158	8530203042	US Env - 592-914277	8530192317	
8:00:00 AM	0.0	-0.006	0.0	0.005	
8:15:00 AM	0.0	-0.009	0.0	0.005	
8:30:00 AM	0.0	-0.006	0.0	0.008	
8:45:00 AM	0.0	-0.004	0.0	0.009	
9:00:00 AM	0.0	-0.004	0.0	0.009	Start of groundwater sampling which continues all day.
9:15:00 AM	0.0	-0.004	0.0	0.010	
9:30:00 AM	0.0	-0.004	0.0	0.010	
9:45:00 AM	0.0	-0.005	0.0	0.010	Sixth soil boring
10:00:00 AM	0.0	-0.005	0.0	0.010	
10:15:00 AM	0.0	-0.005	0.0	0.010	
10:30:00 AM	0.0	-0.006	0.0	0.010	
10:45:00 AM	0.0	-0.005	0.0	0.010	
11:00:00 AM	0.0	-0.006	0.0	0.009	
11:15:00 AM	0.0	-0.006	0.0	0.008	Seventh soil boring and fourth monitoring well.
11:30:00 AM	0.0	-0.006	0.0	0.009	
11:45:00 AM	0.0	-0.005	0.0	0.008	
12:00:00 PM	0.0	-0.005	0.0	0.007	
12:15:00 PM	0.0	-0.004	0.0	0.007	
12:30:00 PM	0.0	-0.004	0.0	0.007	Lunch break.
12:45:00 PM	0.0	-0.004	0.0	0.007	
1:00:00 PM	0.0	-0.004	0.0	0.007	UIC sampling.
1:15:00 PM	0.0	-0.004	0.0	0.007	
1:30:00 PM	0.0	-0.004	0.0	0.007	
1:45:00 PM	0.0	-0.004	0.0	0.007	
2:00:00 PM	0.0	-0.004	0.0	0.007	
2:15:00 PM	0.0	-0.005	0.0	0.007	
2:30:00 PM	0.0	-0.004	0.0	0.008	
2:45:00 PM	0.0	-0.004	0.0	0.008	
3:00:00 PM	0.0	-0.005	0.0	0.009	
3:15:00 PM	0.0	-0.005	0.0	0.009	

APPENDIX G

Laboratory Analytical Reports

Technical Report

prepared for:

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Report Date: 04/03/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0380

Revision No. **2.0**

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

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

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

Report Date: 04/03/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0380

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 08, 2025 and listed below. The project was identified as your project: **ORFD2301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25A0380-01	SB001 (O-2 IN)	Soil	01/07/2025	01/08/2025
25A0380-02	SB001(2 IN-24IN)	Soil	01/07/2025	01/08/2025
25A0380-03	SB001 (6-8 FT)	Soil	01/07/2025	01/08/2025
25A0380-04	SB002 (0-2IN)	Soil	01/07/2025	01/08/2025
25A0380-05	SB002 (2 IN -24 IN)	Soil	01/07/2025	01/08/2025
25A0380-06	SB002 (6 - 8 FT)	Soil	01/07/2025	01/08/2025
25A0380-07	SB003 (0- 2IN)	Soil	01/07/2025	01/08/2025
25A0380-08	SB003 (2 IN- 24IN)	Soil	01/07/2025	01/08/2025
25A0380-09	SB003 (6 - 8FT)	Soil	01/07/2025	01/08/2025
25A0380-10	SB00X	Soil	01/07/2025	01/08/2025
25A0380-11	SB004 (0- 2IN)	Soil	01/07/2025	01/08/2025
25A0380-12	SB004 (2 IN-24 IN)	Soil	01/07/2025	01/08/2025
25A0380-13	SB004 (6- 8 FT)	Soil	01/07/2025	01/08/2025
25A0380-14	SB005 (0- 2IN)	Soil	01/07/2025	01/08/2025
25A0380-15	SB005 (2 IN-24 IN)	Soil	01/07/2025	01/08/2025
25A0380-16	SB005 (6- 8FT)	Soil	01/07/2025	01/08/2025
25A0380-17	Field Blank 1/7/25	Water	01/07/2025	01/08/2025
25A0380-18	Equipment Blank 1/7/25	Water	01/07/2025	01/08/2025
25A0380-19	Trip Blank 1/7/25	Water	01/07/2025	01/08/2025

General Notes for York Project (SDG) No.: 25A0380

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 04/03/2025

Sample Information

Client Sample ID: **SB001 (O-2 IN)** **York Sample ID:** **25A0380-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 20:29	scb

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 16:36	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 16:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/12/2025 07:33	01/13/2025 16:36	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 16:36	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/12/2025 07:33	01/13/2025 16:36	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/12/2025 07:33	01/13/2025 16:36	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 16:36	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.100	0.200	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 16:36	SS

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.201	0.401	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.401	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 16:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 16:36	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
108-95-2	Phenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:36	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.9 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/10/2025 09:02	01/13/2025 15:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*126 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.134	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.354**		ug/kg dry	0.0638	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.516**		ug/kg dry	0.126	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.237**		ug/kg dry	0.216	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.252**		ug/kg dry	0.207	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**21.3**		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.06**		ug/kg dry	0.228	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.331**		ug/kg dry	0.230	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.196	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.151	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.178	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.234	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.780**		ug/kg dry	0.131	0.482	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.176	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.187	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.903	0.915	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.909	0.925	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.963	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.232	0.482	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0746	0.482	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.116	0.482	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.189	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.716	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.732	0.963	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.374	0.910	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.296	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.209	0.910	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
68259-12-1	*** Perfluoro-1-nonanesulfonic acid (PFNS)**	**0.310**		ug/kg dry	0.149	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.763	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.53	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.81	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.736	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.839	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*117 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*108 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*116 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*96.2 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.6 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*34.0 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*137 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*91.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*99.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*126 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*119 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*68.9 %*			*25-150*						

Sample Information

Client Sample ID: **SB001 (O-2 IN)** **York Sample ID:** **25A0380-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 16:36	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 NELAC-NY10854,NJDEP-CT005	01/13/2025 15:04	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
319-86-8	delta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854	01/13/2025 15:04	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
72-20-8	Endrin	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 NELAC-NY10854,NJDEP-CT005	01/13/2025 15:04	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:04	scb

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:04	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.199	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:04	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0398	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:04	scb

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*79.6 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*76.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:39	NF

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0240	1	EPA 8151A Certifications:	01/10/2025 08:53	01/12/2025 09:27	GXB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0240	1	EPA 8151A Certifications:	01/10/2025 08:53	01/12/2025 09:27	GXB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0240	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*91.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10400**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.54**		mg/kg dry	1.53	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**22.2**		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.324**		mg/kg dry	0.051	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.305	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1060**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**11.1**		mg/kg dry	0.509	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**3.19**		mg/kg dry	0.407	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**9.50**		mg/kg dry	2.04	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**8240**		mg/kg dry	25.4	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**5.89**		mg/kg dry	0.509	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1710**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**70.1**		mg/kg dry	0.509	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**5.85**		mg/kg dry	1.01	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**388**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.513	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	50.9	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	1.01	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**17.7**		mg/kg dry	2.53	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0366	1	EPA 7473	01/11/2025 08:15	01/13/2025 10:15	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.610	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.610	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.9**		%	0.100	1	SM 2540G	01/09/2025 06:50	01/09/2025 11:55	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.0 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 08:00	01/10/2025 16:09	SCB

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 17:06	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 17:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 17:06	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 17:06	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 17:06	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 17:06	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 17:06	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 17:06	SS

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.171	0.341	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.341	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.0545**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0456**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0490**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**0.103**		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	Fluorene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0456**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.0817**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.5 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 15:24	SS
							Certifications:	NELAC-NY10854		

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*140 %*	S-HI	*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0545	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.01**		ug/kg dry	0.172	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.199	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.771	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.776	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.366	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.198	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0637	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0987	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.612	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.625	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.652	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.628	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.716	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*115 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*105 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*93.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*47.5 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*123 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*74.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*110 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*90.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*128 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*94.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*74.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSA	*Surrogate: d9-N-EtFOSE*	*70.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 17:06	SS

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PEST, 8081 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	**4,4'-DDE**	**0.00192**		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.8 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*			*30-150*					

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/12/2025 07:29	01/13/2025 12:53	NF

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*110 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0204	1	EPA 8151A Certifications:	01/10/2025 08:53	01/12/2025 09:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0204	1	EPA 8151A Certifications:	01/10/2025 08:53	01/12/2025 09:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
94-75-7	2,4-D	ND		mg/kg dry	0.0204	1	EPA 8151A Certifications:	01/10/2025 08:53	01/12/2025 09:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB

Surrogate Recoveries		Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*82.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7600**		mg/kg dry	4.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.21**		mg/kg dry	1.30	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**21.3**		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.215**		mg/kg dry	0.044	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.260	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**506**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**9.45**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.76**		mg/kg dry	0.346	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**7.18**		mg/kg dry	1.73	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**6140**		mg/kg dry	21.6	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**3.29**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1790**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**69.1**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**5.38**		mg/kg dry	0.862	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**650**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**47.7**		mg/kg dry	43.3	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**18.7**		mg/kg dry	0.862	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**15.7**		mg/kg dry	2.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0474**		mg/kg dry	0.0311	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.3**		%	0.100	1	SM 2540G	01/09/2025 06:50	01/09/2025 11:55	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 21:21	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 17:35	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 17:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/12/2025 07:33	01/13/2025 17:35	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 17:35	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/12/2025 07:33	01/13/2025 17:35	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/12/2025 07:33	01/13/2025 17:35	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/12/2025 07:33	01/13/2025 17:35	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 17:35	SS

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*87.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*82.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.8 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications:	01/10/2025 09:02	01/13/2025 15:41	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.235**		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.846	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0700	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.671	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.715	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*129 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.6 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*93.1 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*79.4 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*55.7 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*53.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.7 %*	*10-150*

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*102 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*58.9 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*120 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*55.8 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*49.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*50.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*75.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*51.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*70.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.5 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*30.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*39.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*38.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 17:35	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 17:54	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 17:54	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 17:54	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 17:54	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 17:54	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 17:54	scb

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 NELAC-NY10854,NJDEP-CT005	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0373	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 17:54	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:25 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*80.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5220**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.68**		mg/kg dry	1.43	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**16.9**		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	**Beryllium**	**0.191**		mg/kg dry	0.048	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.286	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**476**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**7.39**		mg/kg dry	0.477	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.29**		mg/kg dry	0.381	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**5.87**		mg/kg dry	1.91	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**6030**		mg/kg dry	23.8	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**3.09**		mg/kg dry	0.477	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1100**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**76.7**		mg/kg dry	0.477	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**3.53**		mg/kg dry	0.950	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**567**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**47.7**		mg/kg dry	47.7	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**12.9**		mg/kg dry	0.950	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**10.2**		mg/kg dry	2.37	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0343	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.572	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.572	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.4**		%	0.100	1	SM 2540G	01/09/2025 06:50	01/09/2025 11:55	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 21:48	scb

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **SB002 (0-2IN)** **York Sample ID:** **25A0380-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.202	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 18:04	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 18:04	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 18:04	SS
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 18:04	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 18:04	SS
108-95-2	Phenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 18:04	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 07:33	01/13/2025 18:04	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.4 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/10/2025 09:02	01/13/2025 16:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0652	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.129	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.220	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.212	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**6.48**		ug/kg dry	0.205	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.233	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.235	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.244	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.201	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.154	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.127	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.182	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.239	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.148**	J	ug/kg dry	0.134	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.180	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.191	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.235	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.923	0.935	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.929	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.134	0.984	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.171	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.237	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0763	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.118	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.193	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.732	0.923	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.748	0.984	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.383	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.303	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.214	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.208	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.780	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.58	6.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.85	6.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.752	2.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.221	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.858	2.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.244	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*119 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*101 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*98.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*110 %*	*25-150*

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*117 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*101 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*156 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*138 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*67.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*64.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 18:04	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:10	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:10	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:10	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:10	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:10	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 18:10	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:10	scb
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:10	scb

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.201	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0402	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:10	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:39	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0243	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:48	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0243	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:48	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0243	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:48	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*97.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.09**		mg/kg dry	1.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**29.8**		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.462**		mg/kg dry	0.052	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.309	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**788**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**16.2**		mg/kg dry	0.515	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.61**		mg/kg dry	0.411	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**10.6**		mg/kg dry	2.06	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**11900**		mg/kg dry	25.7	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**6.37**		mg/kg dry	0.515	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2900**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**151**		mg/kg dry	0.515	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**7.91**		mg/kg dry	1.03	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**838**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**77.8**		mg/kg dry	51.5	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**31.6**		mg/kg dry	1.03	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**22.5**		mg/kg dry	2.56	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0371	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.618	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.618	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.9**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 22:14	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 18:34	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 18:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 18:34	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 18:34	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 18:34	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 18:34	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 18:34	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 18:34	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 18:34	SS

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.346	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.2 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 13:04	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3 Certifications:	01/10/2025 08:57	01/14/2025 19:44	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0556	0.210	1	EPA 1633 Draft 3 Certifications:	01/10/2025 08:57	01/14/2025 19:44	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.189**	J	ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.33**		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.787	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.793	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.374	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV -L	ug/kg dry	0.203	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0651	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.625	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.638	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.258	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.666	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.642	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.732	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*86.1 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*74.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.08 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*92.2 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*22.7 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*90.8 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.7 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*89.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*82.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*79.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 18:34	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:25	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:25	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:25	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:25	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:25	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 18:25	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:25	scb

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 NELAC-NY10854,NJDEP-CT005	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:25	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:52 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:52 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 14:52 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0207	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:55	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0207	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:55	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0207	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:55	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*101 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4130**		mg/kg dry	4.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.60**		mg/kg dry	1.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**13.6**		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.205**		mg/kg dry	0.044	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **SB002 (2 IN -24 IN)** **York Sample ID:** **25A0380-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**187**		mg/kg dry	4.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**10.3**		mg/kg dry	0.439	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**1.86**		mg/kg dry	0.350	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**4.19**		mg/kg dry	1.75	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**5330**		mg/kg dry	21.9	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**4.62**		mg/kg dry	0.439	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1050**		mg/kg dry	4.39	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**77.1**		mg/kg dry	0.439	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**3.37**		mg/kg dry	0.873	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**405**		mg/kg dry	4.39	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.442	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	43.8	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.2**		mg/kg dry	0.873	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**7.74**		mg/kg dry	2.18	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.526	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.526	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	**Methyl acetate**	**0.0040**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 22:40	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB002 (6 - 8 FT)** **York Sample ID:** **25A0380-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*78.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.1 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 13:22	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 20:00	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 20:00	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.834	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.839	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.661	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*103 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*104 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*103 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.25 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*90.7 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*25.0 %*	PFSu-L		*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*78.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*83.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*80.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*89.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*69.7 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*62.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 19:03	SS

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:41	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:41	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:41	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:41	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:41	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 18:41	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:41	scb

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 NELAC-NY10854,NJDEP-CT005	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:41	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 15:06 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 15:06 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 15:06 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.5 %*	S-08, S-GC	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:02	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:02	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:02	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*110 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1510**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.60**		mg/kg dry	1.40	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**10.2**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.095**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**63.3**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**7.01**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**1.29**		mg/kg dry	0.372	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**9.90**		mg/kg dry	1.86	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**7120**		mg/kg dry	23.2	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.90**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**226**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**48.3**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**0.939**		mg/kg dry	0.926	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**212**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	46.5	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**8.92**		mg/kg dry	0.926	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**6.46**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 23:06	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB003 (0- 2IN)** **York Sample ID:** **25A0380-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 19:32	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 19:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 19:32	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 19:32	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 19:32	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 19:32	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 19:32	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 19:32	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 19:32	SS

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.1 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 13:43	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 20:16	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0585	0.221	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 20:16	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**8.18**		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.827	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.833	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.393	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.213	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0684	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.656	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.671	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.699	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.769	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*129 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*90.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*30.5 %*	*25-150*

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*123 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*112 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*135 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*147 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*118 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*71.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*65.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 19:32	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 18:56	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854	01/12/2025 18:56	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 18:56	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 18:56	scb
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 18:56	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/11/2025 07:54 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	01/12/2025 15:20	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/11/2025 07:54 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	01/12/2025 15:20	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/11/2025 07:54 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	01/12/2025 15:20	NF

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:09	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:09	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:09	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*89.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13900**		mg/kg dry	4.61	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**22.7**		mg/kg dry	1.38	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**40.8**		mg/kg dry	2.30	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.439**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1200**		mg/kg dry	4.62	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.462	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**3.63**		mg/kg dry	0.369	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**23.5**		mg/kg dry	1.85	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**10700**		mg/kg dry	23.1	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**8.24**		mg/kg dry	0.462	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1870**		mg/kg dry	4.62	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**94.7**		mg/kg dry	0.462	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**7.50**		mg/kg dry	0.919	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**602**	B	mg/kg dry	4.62	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	46.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	0.919	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**30.0**		mg/kg dry	2.30	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0937**		mg/kg dry	0.0332	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	scb
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-	scb
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 23:32	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:01	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:01	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:01	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:01	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:01	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:01	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:01	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:01	SS

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.5 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 14:01	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.96**		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.834	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.840	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*99.7 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*84.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*11.6 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*98.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*109 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*83.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*112 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*82.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*82.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*91.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*48.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 20:01	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 19:11	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 19:11	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 19:11	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 19:11	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 19:11	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 19:11	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 19:11	scb

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 19:11	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 15:34	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 15:34	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 15:34	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:16	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:16	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:16	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*71.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7230**		mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.33**		mg/kg dry	1.40	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**26.2**		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.266**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**10400**		mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**8.43**		mg/kg dry	0.466	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.91**		mg/kg dry	0.373	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**9.65**		mg/kg dry	1.86	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**7830**		mg/kg dry	23.3	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**4.88**		mg/kg dry	0.466	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**7000**		mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**97.9**		mg/kg dry	0.466	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**5.03**		mg/kg dry	0.928	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**813**	B	mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**54.1**		mg/kg dry	46.6	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.2**		mg/kg dry	0.928	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**18.6**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/09/2025 23:59	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB003 (6 - 8FT)** **York Sample ID:** **25A0380-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:30	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:30	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:30	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.8 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 14:18	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.112	0.179	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 20:48	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0537	0.203	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 20:48	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.106	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.181	0.185	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.174	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.169	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.191	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.193	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.165	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.104	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.196	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.110	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.193	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.760	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.765	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.110	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.361	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.195	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0628	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0972	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.603	0.760	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.616	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.315	0.766	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.249	0.757	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.176	0.766	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.171	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.642	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.12	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.619	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.706	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*128 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*114 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*92.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*1.33 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*90.2 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*41.2 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*75.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*56.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*58.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:13	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:13	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:13	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:13	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:13	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 20:13	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:13	scb

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0331	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0201	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0201	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0201	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:27	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*90.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2690**		mg/kg dry	4.25	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.13	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.59**		mg/kg dry	1.28	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**12.5**		mg/kg dry	2.12	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.197**		mg/kg dry	0.043	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.255	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1400**		mg/kg dry	4.25	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.426	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**1.93**		mg/kg dry	0.340	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**7.92**		mg/kg dry	1.70	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**6780**		mg/kg dry	21.3	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**2.82**		mg/kg dry	0.426	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**856**		mg/kg dry	4.26	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**59.3**		mg/kg dry	0.426	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**2.23**		mg/kg dry	0.847	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**454**	B	mg/kg dry	4.26	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.13	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.429	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**43.0**		mg/kg dry	42.5	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.13	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**8.74**		mg/kg dry	0.847	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**9.08**		mg/kg dry	2.12	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.510	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.510	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.0**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB00X **York Sample ID:** 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB00X **York Sample ID:** 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/10/2025 00:25	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB00X** **York Sample ID:** **25A0380-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:30	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:30	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,PADEP-68-04440	01/13/2025 20:30	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 20:30	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 20:30	SS

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: **SB00X** **York Sample ID:** **25A0380-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: **SB00X** **York Sample ID:** **25A0380-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.7 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 14:36	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:04	AM
								Certifications:	NELAC-NH2097 ,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0633**	J	ug/kg dry	0.0592	0.223	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:04	AM
								Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **SB00X** **York Sample ID:** **25A0380-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**6.64**		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.838	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.843	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0693	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM

Sample Information

Client Sample ID: SB00X **York Sample ID:** 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.665	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.679	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.347	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.708	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.683	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.779	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*98.3 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*78.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*63.4 %*	*25-150*

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*93.9 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*98.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*78.8 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*130 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*145 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*121 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*59.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*55.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/12/2025 07:33	01/13/2025 20:30	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:29	scb
72-55-9	**4,4'-DDE**	**0.00315**		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/12/2025 20:29	scb
50-29-3	**4,4'-DDT**	**0.00268**		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/12/2025 20:29	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:29	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:29	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 20:29	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:29	scb

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:29	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:01	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:01	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:01	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: **SB00X** **York Sample ID:** **25A0380-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:34	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*17.8 %*	S-04, S-08	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11600**		mg/kg dry	4.64	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**27.1**		mg/kg dry	1.39	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**38.1**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.434**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB00X **York Sample ID:** 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1850**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**15.5**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.71**		mg/kg dry	0.371	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**62.4**		mg/kg dry	1.86	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**8950**		mg/kg dry	23.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**42.1**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1590**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**86.4**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**5.70**		mg/kg dry	0.925	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**587**	B	mg/kg dry	4.65	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.468	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**55.1**		mg/kg dry	46.5	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.8**		mg/kg dry	0.925	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**24.2**		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.192**		mg/kg dry	0.0334	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB00X **York Sample ID:** 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	scb

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/10/2025 00:51	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB004 (0- 2IN)** **York Sample ID:** **25A0380-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.187	0.374	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.374	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 14:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.7 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 15:10 NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 21:53 NELAC-NH2097 ,NJDEP-NY037	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.551**		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3 Certifications:	01/11/2025 09:06	01/14/2025 21:53 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.872**		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**1.94**		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**9.93**		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.519**		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.628**		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.265**	J	ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0700	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*100 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*90.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*85.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*79.3 %*	*25-150*

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*104 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*110 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*88.3 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.0 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*89.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*77.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*67.9 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/10/2025 09:00	01/11/2025 14:59	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:44	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:44	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:44	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:44	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:44	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 20:44	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 20:44	scb

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 20:44	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:15	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:15	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:15	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:41	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*60.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	4.69	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.35	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.27**		mg/kg dry	1.41	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**29.2**		mg/kg dry	2.34	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.335**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.282	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**17100**		mg/kg dry	4.69	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**13.5**		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.86**		mg/kg dry	0.375	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**19.0**		mg/kg dry	1.88	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**12200**		mg/kg dry	23.5	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**9.46**		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2100**		mg/kg dry	4.70	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**113**		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**8.95**		mg/kg dry	0.935	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**585**	B	mg/kg dry	4.70	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.35	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.473	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**215**		mg/kg dry	46.9	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.35	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	0.935	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**35.2**		mg/kg dry	2.34	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0338	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.89**		mg/kg dry	0.563	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.563	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.8**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/10/2025 01:17	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CCVE, CAL-E	mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*41.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.6 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 15:29	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.183	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 11:45	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.131**	J	ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 11:45	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.499**		ug/kg dry	0.108	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.681**		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.190**	J	ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.495**		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.169**	J	ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.775	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0641	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0992	0.413	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*77.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*70.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*49.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.66 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*90.3 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*89.3 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*103 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*134 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*117 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*100 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*50.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*38.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/10/2025 09:00	01/11/2025 15:29	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:00	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:00	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:00	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:00	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:00	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 21:00	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:00	scb

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:00	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:29	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:29	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:29	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0204	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:48	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0204	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:48	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0204	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:48	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*71.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3780**		mg/kg dry	4.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.47**		mg/kg dry	1.30	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**18.5**		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.258**		mg/kg dry	0.044	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**116**		mg/kg dry	4.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**5.40**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.01**		mg/kg dry	0.345	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**6.76**		mg/kg dry	1.73	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**9050**		mg/kg dry	21.6	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**2.13**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**864**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**88.3**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**3.44**		mg/kg dry	0.861	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**887**	B	mg/kg dry	4.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**46.8**		mg/kg dry	43.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.2**		mg/kg dry	0.861	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**19.0**		mg/kg dry	2.15	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.4**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/10/2025 01:43	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.336	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 15:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 15:45 NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.112	0.179	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:01 NELAC-NH2097 ,NJDEP-NY037	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.636**		ug/kg dry	0.0537	0.202	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:01 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.131**	J	ug/kg dry	0.106	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.181	0.185	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.174	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.169	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.191	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.193	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.165	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.104	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.196	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.206**	J	ug/kg dry	0.110	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.193	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
27619-97-2	* **1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**11.5**		ug/kg dry	0.759	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**1.36**		ug/kg dry	0.764	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.110	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.360	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.195	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0628	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0972	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.602	0.759	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.616	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.315	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.249	0.757	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.176	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.171	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.642	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.12	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.619	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.182	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.706	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*102 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*89.9 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*62.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.17 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*102 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*69.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*94.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*55.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*71.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*65.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*86.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*64.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*44.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*42.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/10/2025 09:00	01/11/2025 15:59	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:15	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:15	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:15	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:15	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:15	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 21:15	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:15	scb

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.164	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0329	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:15	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0166	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:43	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0166	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:43	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0166	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 16:43	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0199	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:55	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0199	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:55	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0199	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:55	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*76.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**977**		mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.27	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**6.64**		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.253	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**77.8**		mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**1.97**		mg/kg dry	0.422	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**1.13**		mg/kg dry	0.337	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**2.89**		mg/kg dry	1.69	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**2000**		mg/kg dry	21.1	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.17**		mg/kg dry	0.422	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**232**		mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**39.9**		mg/kg dry	0.422	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**0.945**		mg/kg dry	0.840	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**238**	B	mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.425	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	42.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**2.96**		mg/kg dry	0.840	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**2.96**		mg/kg dry	2.10	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0304	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.506	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.506	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.8**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	**Acetone**	**0.11**	ICVE, QL-02	mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/10/2025 02:10	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB005 (0- 2IN)** **York Sample ID:** **25A0380-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.1 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 16:03	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:17	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.234**		ug/kg dry	0.0613	0.231	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:17	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.251**		ug/kg dry	0.121	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.207	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.596**		ug/kg dry	0.199	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.98**		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.16**		ug/kg dry	0.219	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.418**		ug/kg dry	0.221	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.571**		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.171	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.224	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.440**	J	ug/kg dry	0.126	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.868	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.874	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.926	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.223	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0717	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.688	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.703	0.926	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.360	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.285	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.734	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.43	5.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.707	2.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.806	2.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*85.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.58 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*97.9 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*81.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*80.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*157 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*132 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*44.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*41.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/10/2025 09:00	01/11/2025 16:29	SS

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 07:54	01/12/2025 21:31	scb
72-55-9	**4,4'-DDE**	**0.00471**		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/11/2025 07:54	01/12/2025 21:31	scb
50-29-3	**4,4'-DDT**	**0.00261**		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/11/2025 07:54	01/12/2025 21:31	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 07:54	01/12/2025 21:31	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 07:54	01/12/2025 21:31	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP-CT005	01/11/2025 07:54	01/12/2025 21:31	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 07:54	01/12/2025 21:31	scb

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00189**		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0228	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:02	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:02	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0228	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:02	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*93.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13500**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**19.1**		mg/kg dry	1.45	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**34.8**		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.476**		mg/kg dry	0.049	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.290	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1320**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.483	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.58**		mg/kg dry	0.386	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**39.5**		mg/kg dry	1.93	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**14300**		mg/kg dry	24.1	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**13.7**		mg/kg dry	0.483	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2350**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**187**		mg/kg dry	0.483	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**9.13**		mg/kg dry	0.962	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**604**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.487	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**81.3**		mg/kg dry	48.3	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**26.3**		mg/kg dry	0.962	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**29.1**		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0349**		mg/kg dry	0.0348	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.580	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.580	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/10/2025 02:36	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.4 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 16:22	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:33	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.143**	J	ug/kg dry	0.0592	0.224	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:33	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.139**	J	ug/kg dry	0.117	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.248**		ug/kg dry	0.192	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.42**		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.14**		ug/kg dry	0.211	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.173**	J	ug/kg dry	0.122	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.838	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.844	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0693	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.665	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.679	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.709	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.683	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.779	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*117 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*145 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*70.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*2.30 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*97.6 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*61.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*89.0 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*91.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*101 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*39.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*44.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*30.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/10/2025 09:00	01/11/2025 16:59	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:46	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:46	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:46	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:46	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:46	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 21:46	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 21:46	scb

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 NELAC-NY10854,NJDEP-CT005	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B Certifications:	01/11/2025 07:54	01/12/2025 21:46	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 17:10 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 17:10 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	01/11/2025 07:54	01/12/2025 17:10 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0224	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:10	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*83.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6180**		mg/kg dry	4.67	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.44**		mg/kg dry	1.40	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**19.6**		mg/kg dry	2.33	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.280**		mg/kg dry	0.047	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **SB005 (2 IN-24 IN)** **York Sample ID:** **25A0380-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**337**		mg/kg dry	4.68	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**7.83**		mg/kg dry	0.468	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**3.84**		mg/kg dry	0.374	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**10.4**		mg/kg dry	1.87	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**8500**		mg/kg dry	23.4	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**4.13**		mg/kg dry	0.468	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1260**		mg/kg dry	4.68	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**95.5**		mg/kg dry	0.468	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**4.71**		mg/kg dry	0.931	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**572**		mg/kg dry	4.68	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**56.1**		mg/kg dry	46.8	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.34	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**14.2**		mg/kg dry	0.931	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**12.3**		mg/kg dry	2.33	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.561	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.081	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0081	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/09/2025 13:04	01/10/2025 03:02	scb

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB005 (6- 8FT)** **York Sample ID:** **25A0380-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.5 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/09/2025 08:54	01/10/2025 16:40	SS NELAC-NY10854

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.181	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:49	AM NELAC-NH2097 ,NJDEP-NY037
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0541	0.204	1	EPA 1633 Draft 3 Certifications:	01/12/2025 12:14	01/15/2025 12:49	AM NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.183	0.187	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.193	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.195	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.198	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.149	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.195	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.765	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.770	0.783	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.363	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.197	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0632	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0979	0.408	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.607	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.620	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.317	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.251	0.763	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.647	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.14	5.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.53	5.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.623	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.184	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.711	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*65.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*50.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*5.59 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*85.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*97.1 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*70.3 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*77.3 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*80.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.3 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*36.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*28.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*36.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*33.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/10/2025 09:00	01/11/2025 17:29	SS

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 22:02	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 22:02	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 22:02	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 22:02	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 22:02	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 NELAC-NY10854,NJDEP-CT005	01/12/2025 22:02	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B Certifications:	01/11/2025 07:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/12/2025 22:02	scb

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0205	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:17	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*82.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3850**		mg/kg dry	4.28	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**1.92**		mg/kg dry	1.29	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**36.4**		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.148**		mg/kg dry	0.043	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.257	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**286**		mg/kg dry	4.28	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**4.74**		mg/kg dry	0.429	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**3.08**		mg/kg dry	0.342	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**7.38**		mg/kg dry	1.71	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**7040**		mg/kg dry	21.4	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**2.31**		mg/kg dry	0.429	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1800**		mg/kg dry	4.29	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**110**		mg/kg dry	0.429	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**2.02**		mg/kg dry	0.853	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1160**		mg/kg dry	4.29	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.432	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**55.7**		mg/kg dry	42.8	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**10.8**		mg/kg dry	0.853	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**13.5**		mg/kg dry	2.13	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**1.40**		ug/L	0.245	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	**Chloroform**	**14.5**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 11:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/09/2025 08:00	01/09/2025 11:56	PD

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/10/2025 13:36	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/10/2025 13:36	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/10/2025 13:36	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 13:36	SS

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.1 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	AAK
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/09/2025 08:43	01/10/2025 13:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:13	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:13	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:13	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:13	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:13	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:13	AAK
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:13	AAK
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:13	AAK
87-86-5	Pentachlorophenol	ND	QL-02, CCVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:13	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:13	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:13	AAK

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	01/14/2025 08:33	01/14/2025 15:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.461	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.343	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.696	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.667	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.412	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.804	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.510	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.735	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.863	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.726	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.677	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.775	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.226	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.863	1.96	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.892	1.87	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.35	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.01	7.53	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.324	7.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.490	3.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:02	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.10	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:02	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.245	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:02	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.363	3.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:02	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.745	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.76	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.17	7.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.35	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.686	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
919005-14-4	ADONA	ND		ng/L	0.520	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.912	1.90	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.843	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:02	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.99	4.90	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.19	24.5	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.29	24.5	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.91	19.6	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.55	1.96	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.91	19.6	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.77	1.96	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:02	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.7 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.8 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.88 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*89.9 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*67.9 %*		*25-150*

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*104 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*99.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*74.7 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*72.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*69.7 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 13:36	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 01:26	RJ

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26	RJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 01:26	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/10/2025 23:51	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A Certifications:	01/13/2025 08:25	01/14/2025 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A Certifications:	01/13/2025 08:25	01/14/2025 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A Certifications:	01/13/2025 08:25	01/14/2025 12:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*83.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/13/2025 09:00	01/13/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/13/2025 09:00	01/13/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-70-2	**Calcium**	**0.134**		mg/L	0.0556	1	EPA 6010D Certifications:	01/13/2025 09:00	01/13/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/13/2025 09:00	01/13/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/13/2025 09:00	01/13/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/13/2025 09:00	01/13/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/13/2025 09:00	01/13/2025 15:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.0796**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.770**	M-BS	mg/L	0.556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-BS, M-CCV 1	ug/L	0.333	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2025 08:08	01/13/2025 08:08	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/08/2025 15:16	01/08/2025 22:16	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/10/2025 14:48	01/10/2025 18:30	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Equipment Blank 1/7/25 **York Sample ID:** 25A0380-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	**Bromodichloromethane**	**1.45**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Equipment Blank 1/7/25 **York Sample ID:** 25A0380-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**15.4**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:24 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/09/2025 08:00	01/09/2025 12:24	PD

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/10/2025 14:06	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/10/2025 14:06	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/10/2025 14:06	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/10/2025 14:06	SS

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*20.9 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.1 %*	*10.1-41.7*

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.0 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.7 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*38.2 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.6 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
86-73-7	**Fluorene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/09/2025 08:43	01/10/2025 13:44	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK

Sample Information

Client Sample ID: Equipment Blank 1/7/25 **York Sample ID:** 25A0380-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
87-86-5	Pentachlorophenol	ND	CCVE, QL-02	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/09/2025 08:43	01/10/2025 13:44	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/09/2025 08:43	01/10/2025 13:44	AAK

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	01/14/2025 08:33	01/14/2025 16:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.451	1.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.336	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.681	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.652	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.403	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.786	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.499	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.719	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.844	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.710	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.662	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.758	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.988	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.221	3.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.844	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.873	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.19	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.97	7.36	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.316	7.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.479	3.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:18	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.05	3.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:18	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.240	3.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:18	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.355	3.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 00:18	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.729	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.72	7.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.10	7.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.671	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
919005-14-4	ADONA	ND		ng/L	0.508	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.892	1.86	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM

Sample Information

Client Sample ID: Equipment Blank 1/7/25 **York Sample ID:** 25A0380-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.825	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 00:18	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.95	4.79	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.03	24.0	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.08	24.0	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.83	19.2	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.52	1.92	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.83	19.2	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.73	1.92	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 00:18	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*108 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*94.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.60 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*91.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*69.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*93.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*90.2 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*97.8 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*96.8 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*86.6 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.0 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*77.6 %*		*25-150*

Sample Information

Client Sample ID: Equipment Blank 1/7/25 **York Sample ID:** 25A0380-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*70.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*65.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/09/2025 08:43	01/10/2025 14:06	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/13/2025 15:50	scb

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.7 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*13.1 %*	S-08, S-GC	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/13/2025 15:11	NF

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*		*30-150*

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.0 %*			*30-150*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:18	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:18	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:18	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*104 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.121**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.112**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**3.42**	M-BS	mg/L	0.556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND	M-BS, M-CCV 1	ug/L	0.333	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2025 08:08	01/13/2025 08:08	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** **HT-02**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/08/2025 15:16	01/08/2025 22:16	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/10/2025 14:48	01/10/2025 18:30	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Trip Blank 1/7/25** **York Sample ID:** **25A0380-19**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Trip Blank 1/7/25 **York Sample ID:** 25A0380-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Trip Blank 1/7/25 **York Sample ID:** 25A0380-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Trip Blank 1/7/25 **York Sample ID:** 25A0380-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/09/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/09/2025 12:52	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/09/2025 08:00	01/09/2025 12:52	PD

Analytical Batch Summary

Batch ID: BA50421 **Preparation Method:** Analysis Preparation **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/08/25
25A0380-18	Equipment Blank 1/7/25	01/08/25
BA50421-BLK1	Blank	01/08/25
BA50421-BS1	LCS	01/08/25

Batch ID: BA50449 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/09/25
25A0380-02	SB001(2 IN-24IN)	01/09/25
25A0380-03	SB001 (6-8 FT)	01/09/25
BA50449-DUP1	Duplicate	01/09/25

Batch ID: BA50450 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-04	SB002 (0-2IN)	01/09/25
25A0380-05	SB002 (2 IN -24 IN)	01/09/25
25A0380-06	SB002 (6 - 8 FT)	01/09/25
25A0380-07	SB003 (0- 2IN)	01/09/25
25A0380-08	SB003 (2 IN- 24IN)	01/09/25
25A0380-09	SB003 (6 - 8FT)	01/09/25
25A0380-10	SB00X	01/09/25
25A0380-11	SB004 (0- 2IN)	01/09/25
25A0380-12	SB004 (2 IN-24 IN)	01/09/25
25A0380-13	SB004 (6- 8 FT)	01/09/25
25A0380-14	SB005 (0- 2IN)	01/09/25
25A0380-15	SB005 (2 IN-24 IN)	01/09/25
25A0380-16	SB005 (6- 8FT)	01/09/25

Batch ID: BA50453 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/09/25
25A0380-02	SB001(2 IN-24IN)	01/09/25
25A0380-03	SB001 (6-8 FT)	01/09/25
25A0380-04	SB002 (0-2IN)	01/09/25
25A0380-05	SB002 (2 IN -24 IN)	01/09/25
25A0380-06	SB002 (6 - 8 FT)	01/09/25
BA50453-BLK1	Blank	01/09/25
BA50453-DUP1	Duplicate	01/09/25
BA50453-MS1	Matrix Spike	01/09/25
BA50453-MSD1	Matrix Spike Dup	01/09/25
BA50453-SRM1	Reference	01/09/25

Batch ID: BA50465 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/09/25
25A0380-02	SB001(2 IN-24IN)	01/09/25
25A0380-03	SB001 (6-8 FT)	01/09/25
25A0380-04	SB002 (0-2IN)	01/09/25
25A0380-05	SB002 (2 IN -24 IN)	01/09/25
25A0380-06	SB002 (6 - 8 FT)	01/09/25
25A0380-07	SB003 (0- 2IN)	01/09/25
25A0380-08	SB003 (2 IN- 24IN)	01/09/25
BA50465-BLK1	Blank	01/09/25
BA50465-DUP1	Duplicate	01/09/25
BA50465-MS1	Matrix Spike	01/09/25
BA50465-MSD1	Matrix Spike Dup	01/09/25
BA50465-SRM1	Reference	01/09/25

Batch ID: BA50466 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-09	SB003 (6 - 8FT)	01/09/25
25A0380-10	SB00X	01/09/25
25A0380-11	SB004 (0- 2IN)	01/09/25
25A0380-12	SB004 (2 IN-24 IN)	01/09/25
25A0380-13	SB004 (6- 8 FT)	01/09/25
25A0380-14	SB005 (0- 2IN)	01/09/25
25A0380-15	SB005 (2 IN-24 IN)	01/09/25
25A0380-16	SB005 (6- 8FT)	01/09/25
BA50466-BLK1	Blank	01/09/25
BA50466-BS1	LCS	01/09/25

Batch ID: BA50472 **Preparation Method:** EPA 3510C **Prepared By:** DCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/09/25
25A0380-17	Field Blank 1/7/25	01/09/25
25A0380-18	Equipment Blank 1/7/25	01/09/25
25A0380-18	Equipment Blank 1/7/25	01/09/25
BA50472-BLK1	Blank	01/09/25
BA50472-BLK1	Blank	01/09/25
BA50472-BLK2	Blank	01/09/25
BA50472-BS1	LCS	01/09/25
BA50472-BS2	LCS	01/09/25
BA50472-BSD1	LCS Dup	01/09/25

Batch ID: BA50476 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date

25A0380-05	SB002 (2 IN -24 IN)	01/09/25
25A0380-06	SB002 (6 - 8 FT)	01/09/25
25A0380-07	SB003 (0- 2IN)	01/09/25
25A0380-08	SB003 (2 IN- 24IN)	01/09/25
25A0380-09	SB003 (6 - 8FT)	01/09/25
25A0380-10	SB00X	01/09/25
25A0380-11	SB004 (0- 2IN)	01/09/25
25A0380-12	SB004 (2 IN-24 IN)	01/09/25
25A0380-13	SB004 (6- 8 FT)	01/09/25
25A0380-14	SB005 (0- 2IN)	01/09/25
25A0380-15	SB005 (2 IN-24 IN)	01/09/25
25A0380-16	SB005 (6- 8FT)	01/09/25
BA50476-BLK1	Blank	01/09/25
BA50476-BS1	LCS	01/09/25

Batch ID: BA50477 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-07	SB003 (0- 2IN)	01/09/25
25A0380-08	SB003 (2 IN- 24IN)	01/09/25
25A0380-09	SB003 (6 - 8FT)	01/09/25
25A0380-10	SB00X	01/09/25
25A0380-11	SB004 (0- 2IN)	01/09/25
25A0380-12	SB004 (2 IN-24 IN)	01/09/25
25A0380-13	SB004 (6- 8 FT)	01/09/25
25A0380-14	SB005 (0- 2IN)	01/09/25
25A0380-15	SB005 (2 IN-24 IN)	01/09/25
25A0380-16	SB005 (6- 8FT)	01/09/25
BA50477-BLK1	Blank	01/09/25
BA50477-DUP1	Duplicate	01/09/25
BA50477-MS1	Matrix Spike	01/09/25
BA50477-MSD1	Matrix Spike Dup	01/09/25
BA50477-SRM1	Reference	01/09/25

Batch ID: BA50481 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/09/25
25A0380-18	Equipment Blank 1/7/25	01/09/25
25A0380-19	Trip Blank 1/7/25	01/09/25
BA50481-BLK1	Blank	01/09/25
BA50481-BS1	LCS	01/09/25

Batch ID: BA50495 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/09/25
25A0380-03	SB001 (6-8 FT)	01/09/25
25A0380-04	SB002 (0-2IN)	01/09/25
25A0380-05	SB002 (2 IN -24 IN)	01/09/25

25A0380-06	SB002 (6 - 8 FT)	01/09/25
25A0380-07	SB003 (0- 2IN)	01/09/25
25A0380-08	SB003 (2 IN- 24IN)	01/09/25
25A0380-09	SB003 (6 - 8FT)	01/09/25
25A0380-10	SB00X	01/09/25
25A0380-11	SB004 (0- 2IN)	01/09/25
25A0380-12	SB004 (2 IN-24 IN)	01/09/25
25A0380-13	SB004 (6- 8 FT)	01/09/25
25A0380-14	SB005 (0- 2IN)	01/09/25
25A0380-15	SB005 (2 IN-24 IN)	01/09/25
25A0380-16	SB005 (6- 8FT)	01/09/25
BA50495-BLK1	Blank	01/09/25
BA50495-BS1	LCS	01/09/25
BA50495-BSD1	LCS Dup	01/09/25

Batch ID: BA50501 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-09	SB003 (6 - 8FT)	01/09/25
25A0380-10	SB00X	01/09/25
25A0380-11	SB004 (0- 2IN)	01/09/25
25A0380-12	SB004 (2 IN-24 IN)	01/09/25
25A0380-13	SB004 (6- 8 FT)	01/09/25
25A0380-14	SB005 (0- 2IN)	01/09/25
25A0380-15	SB005 (2 IN-24 IN)	01/09/25
25A0380-16	SB005 (6- 8FT)	01/09/25
BA50501-BLK1	Blank	01/09/25
BA50501-SRM1	Reference	01/09/25

Batch ID: BA50506 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/09/25
25A0380-02	SB001(2 IN-24IN)	01/09/25
25A0380-03	SB001 (6-8 FT)	01/09/25
25A0380-04	SB002 (0-2IN)	01/09/25
25A0380-05	SB002 (2 IN -24 IN)	01/09/25
25A0380-06	SB002 (6 - 8 FT)	01/09/25
BA50506-BLK1	Blank	01/09/25
BA50506-DUP1	Duplicate	01/09/25
BA50506-MS1	Matrix Spike	01/09/25
BA50506-PS1	Post Spike	01/09/25
BA50506-SRM1	Reference	01/09/25

Batch ID: BA50518 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-07	SB003 (0- 2IN)	01/09/25
25A0380-08	SB003 (2 IN- 24IN)	01/09/25
25A0380-09	SB003 (6 - 8FT)	01/09/25

25A0380-10	SB00X	01/09/25
25A0380-11	SB004 (0- 2IN)	01/09/25
25A0380-12	SB004 (2 IN-24 IN)	01/09/25
25A0380-13	SB004 (6- 8 FT)	01/09/25
BA50518-BLK1	Blank	01/09/25
BA50518-DUP1	Duplicate	01/09/25
BA50518-MS1	Matrix Spike	01/09/25
BA50518-PS1	Post Spike	01/09/25
BA50518-SRM1	Reference	01/09/25

Batch ID: BA50519 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/10/25
25A0380-02	SB001(2 IN-24IN)	01/10/25
25A0380-03	SB001 (6-8 FT)	01/10/25
25A0380-04	SB002 (0-2IN)	01/10/25
25A0380-05	SB002 (2 IN -24 IN)	01/10/25
BA50519-BLK1	Blank	01/10/25
BA50519-BS1	LCS	01/10/25
BA50519-BS2	LCS	01/10/25
BA50519-MS1	Matrix Spike	01/10/25
BA50519-MSD1	Matrix Spike Dup	01/10/25

Batch ID: BA50557 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-02	SB001(2 IN-24IN)	01/10/25
BA50557-BLK1	Blank	01/10/25
BA50557-BLK2	Blank	01/10/25
BA50557-BS1	LCS	01/10/25
BA50557-BS2	LCS	01/10/25
BA50557-BSD1	LCS Dup	01/10/25
BA50557-BSD2	LCS Dup	01/10/25
BA50557-MS1	Matrix Spike	01/10/25
BA50557-MSD1	Matrix Spike Dup	01/10/25

Batch ID: BA50563 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/10/25
25A0380-17	Field Blank 1/7/25	01/10/25
25A0380-18	Equipment Blank 1/7/25	01/10/25
25A0380-18	Equipment Blank 1/7/25	01/10/25
BA50563-BLK1	Blank	01/10/25
BA50563-BLK2	Blank	01/10/25
BA50563-BS1	LCS	01/10/25
BA50563-BS2	LCS	01/10/25
BA50563-BSD1	LCS Dup	01/10/25

Batch ID: BA50564 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/10/25
25A0380-02	SB001(2 IN-24IN)	01/10/25
25A0380-03	SB001 (6-8 FT)	01/10/25
25A0380-04	SB002 (0-2IN)	01/10/25
25A0380-05	SB002 (2 IN -24 IN)	01/10/25
25A0380-06	SB002 (6 - 8 FT)	01/10/25
25A0380-07	SB003 (0- 2IN)	01/10/25
25A0380-08	SB003 (2 IN- 24IN)	01/10/25
BA50564-BLK1	Blank	01/10/25
BA50564-BS1	LCS	01/10/25
BA50564-MS1	Matrix Spike	01/10/25
BA50564-MSD1	Matrix Spike Dup	01/10/25

Batch ID: BA50567 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-11	SB004 (0- 2IN)	01/10/25
25A0380-11	SB004 (0- 2IN)	01/10/25
25A0380-12	SB004 (2 IN-24 IN)	01/10/25
25A0380-12	SB004 (2 IN-24 IN)	01/10/25
25A0380-13	SB004 (6- 8 FT)	01/10/25
25A0380-13	SB004 (6- 8 FT)	01/10/25
25A0380-14	SB005 (0- 2IN)	01/10/25
25A0380-14	SB005 (0- 2IN)	01/10/25
25A0380-15	SB005 (2 IN-24 IN)	01/10/25
25A0380-15	SB005 (2 IN-24 IN)	01/10/25
25A0380-16	SB005 (6- 8FT)	01/10/25
25A0380-16	SB005 (6- 8FT)	01/10/25
BA50567-BLK1	Blank	01/10/25
BA50567-BLK1	Blank	01/10/25
BA50567-BS1	LCS	01/10/25
BA50567-MS1	Matrix Spike	01/10/25
BA50567-MSD1	Matrix Spike Dup	01/10/25

Batch ID: BA50568 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/10/25
25A0380-02	SB001(2 IN-24IN)	01/10/25
25A0380-03	SB001 (6-8 FT)	01/10/25
25A0380-04	SB002 (0-2IN)	01/10/25
BA50568-BLK1	Blank	01/10/25
BA50568-BS1	LCS	01/10/25
BA50568-MS1	Matrix Spike	01/10/25
BA50568-MSD1	Matrix Spike Dup	01/10/25

Batch ID: BA50596 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/10/25
25A0380-18	Equipment Blank 1/7/25	01/10/25
BA50596-BLK1	Blank	01/10/25
BA50596-BS1	LCS	01/10/25

Batch ID: BA50627 **Preparation Method:** EPA 3550C **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-03	SB001 (6-8 FT)	01/11/25
25A0380-03	SB001 (6-8 FT)	01/11/25
25A0380-04	SB002 (0-2IN)	01/11/25
25A0380-04	SB002 (0-2IN)	01/11/25
25A0380-05	SB002 (2 IN -24 IN)	01/11/25
25A0380-05	SB002 (2 IN -24 IN)	01/11/25
25A0380-06	SB002 (6 - 8 FT)	01/11/25
25A0380-06	SB002 (6 - 8 FT)	01/11/25
25A0380-07	SB003 (0- 2IN)	01/11/25
25A0380-07	SB003 (0- 2IN)	01/11/25
25A0380-08	SB003 (2 IN- 24IN)	01/11/25
25A0380-08	SB003 (2 IN- 24IN)	01/11/25
25A0380-09	SB003 (6 - 8FT)	01/11/25
25A0380-09	SB003 (6 - 8FT)	01/11/25
25A0380-10	SB00X	01/11/25
25A0380-10	SB00X	01/11/25
25A0380-11	SB004 (0- 2IN)	01/11/25
25A0380-11	SB004 (0- 2IN)	01/11/25
25A0380-12	SB004 (2 IN-24 IN)	01/11/25
25A0380-12	SB004 (2 IN-24 IN)	01/11/25
25A0380-13	SB004 (6- 8 FT)	01/11/25
25A0380-13	SB004 (6- 8 FT)	01/11/25
25A0380-14	SB005 (0- 2IN)	01/11/25
25A0380-14	SB005 (0- 2IN)	01/11/25
25A0380-15	SB005 (2 IN-24 IN)	01/11/25
25A0380-15	SB005 (2 IN-24 IN)	01/11/25
25A0380-16	SB005 (6- 8FT)	01/11/25
25A0380-16	SB005 (6- 8FT)	01/11/25
BA50627-BLK1	Blank	01/11/25
BA50627-BLK2	Blank	01/11/25
BA50627-BS1	LCS	01/11/25
BA50627-BS2	LCS	01/11/25
BA50627-MS1	Matrix Spike	01/11/25
BA50627-MS2	Matrix Spike	01/11/25
BA50627-MSD1	Matrix Spike Dup	01/11/25
BA50627-MSD2	Matrix Spike Dup	01/11/25

Batch ID: BA50628 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-02	SB001(2 IN-24IN)	01/11/25
25A0380-03	SB001 (6-8 FT)	01/11/25
25A0380-04	SB002 (0-2IN)	01/11/25
25A0380-05	SB002 (2 IN -24 IN)	01/11/25
25A0380-06	SB002 (6 - 8 FT)	01/11/25
25A0380-07	SB003 (0- 2IN)	01/11/25
25A0380-08	SB003 (2 IN- 24IN)	01/11/25
25A0380-09	SB003 (6 - 8FT)	01/11/25
25A0380-10	SB00X	01/11/25
25A0380-11	SB004 (0- 2IN)	01/11/25
25A0380-12	SB004 (2 IN-24 IN)	01/11/25
25A0380-13	SB004 (6- 8 FT)	01/11/25
25A0380-14	SB005 (0- 2IN)	01/11/25
25A0380-15	SB005 (2 IN-24 IN)	01/11/25
25A0380-16	SB005 (6- 8FT)	01/11/25
BA50628-BLK1	Blank	01/11/25
BA50628-DUP1	Duplicate	01/11/25
BA50628-MS1	Matrix Spike	01/11/25
BA50628-SRM1	Reference	01/11/25

Batch ID: BA50629 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/11/25
BA50629-BLK1	Blank	01/11/25
BA50629-SRM1	Reference	01/11/25

Batch ID: BA50631 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-06	SB002 (6 - 8 FT)	01/11/25
25A0380-07	SB003 (0- 2IN)	01/11/25
25A0380-08	SB003 (2 IN- 24IN)	01/11/25
25A0380-09	SB003 (6 - 8FT)	01/11/25
25A0380-10	SB00X	01/11/25
25A0380-11	SB004 (0- 2IN)	01/11/25
BA50631-BLK1	Blank	01/11/25
BA50631-BS1	LCS	01/11/25
BA50631-BS2	LCS	01/11/25

Batch ID: BA50640 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/12/25
25A0380-01	SB001 (O-2 IN)	01/12/25
25A0380-02	SB001(2 IN-24IN)	01/12/25
25A0380-02	SB001(2 IN-24IN)	01/12/25
BA50640-BLK1	Blank	01/12/25
BA50640-BLK2	Blank	01/12/25

BA50640-BS1	LCS	01/12/25
BA50640-BS2	LCS	01/12/25
BA50640-MS1	Matrix Spike	01/12/25
BA50640-MS2	Matrix Spike	01/12/25
BA50640-MSD1	Matrix Spike Dup	01/12/25
BA50640-MSD2	Matrix Spike Dup	01/12/25

Batch ID: BA50641 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-01	SB001 (O-2 IN)	01/12/25
25A0380-01	SB001 (O-2 IN)	01/12/25
25A0380-02	SB001(2 IN-24IN)	01/12/25
25A0380-02	SB001(2 IN-24IN)	01/12/25
25A0380-03	SB001 (6-8 FT)	01/12/25
25A0380-03	SB001 (6-8 FT)	01/12/25
25A0380-04	SB002 (0-2IN)	01/12/25
25A0380-04	SB002 (0-2IN)	01/12/25
25A0380-05	SB002 (2 IN -24 IN)	01/12/25
25A0380-05	SB002 (2 IN -24 IN)	01/12/25
25A0380-06	SB002 (6 - 8 FT)	01/12/25
25A0380-06	SB002 (6 - 8 FT)	01/12/25
25A0380-07	SB003 (0- 2IN)	01/12/25
25A0380-07	SB003 (0- 2IN)	01/12/25
25A0380-08	SB003 (2 IN- 24IN)	01/12/25
25A0380-08	SB003 (2 IN- 24IN)	01/12/25
25A0380-09	SB003 (6 - 8FT)	01/12/25
25A0380-09	SB003 (6 - 8FT)	01/12/25
25A0380-10	SB00X	01/12/25
25A0380-10	SB00X	01/12/25
BA50641-BLK1	Blank	01/12/25
BA50641-BLK1	Blank	01/12/25
BA50641-BS1	LCS	01/12/25
BA50641-MS1	Matrix Spike	01/12/25
BA50641-MSD1	Matrix Spike Dup	01/12/25

Batch ID: BA50645 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-14	SB005 (0- 2IN)	01/12/25
25A0380-15	SB005 (2 IN-24 IN)	01/12/25
25A0380-16	SB005 (6- 8FT)	01/12/25
BA50645-BLK1	Blank	01/12/25
BA50645-SRM1	Reference	01/12/25

Batch ID: BA50650 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/12/25
25A0380-18	Equipment Blank 1/7/25	01/12/25

BA50650-BLK1	Blank	01/12/25
BA50650-BS1	LCS	01/12/25
BA50650-BS2	LCS	01/12/25

Batch ID: BA50651 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-12	SB004 (2 IN-24 IN)	01/12/25
25A0380-13	SB004 (6- 8 FT)	01/12/25
25A0380-14	SB005 (0- 2IN)	01/12/25
25A0380-15	SB005 (2 IN-24 IN)	01/12/25
25A0380-16	SB005 (6- 8FT)	01/12/25
BA50651-BLK1	Blank	01/12/25
BA50651-BS1	LCS	01/12/25
BA50651-BS2	LCS	01/12/25

Batch ID: BA50666 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/13/25
25A0380-18	Equipment Blank 1/7/25	01/13/25
BA50666-BLK1	Blank	01/13/25
BA50666-BLK2	Blank	01/13/25
BA50666-BS1	LCS	01/13/25
BA50666-BS2	LCS	01/13/25

Batch ID: BA50675 **Preparation Method:** EPA 8151A **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/13/25
25A0380-18	Equipment Blank 1/7/25	01/13/25
BA50675-BLK1	Blank	01/13/25
BA50675-BS1	LCS	01/13/25

Batch ID: BA50686 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/13/25
25A0380-18	Equipment Blank 1/7/25	01/13/25
BA50686-BLK1	Blank	01/13/25
BA50686-BS1	LCS	01/13/25
BA50686-DUP1	Duplicate	01/13/25
BA50686-MS1	Matrix Spike	01/13/25

Batch ID: BA50687 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/13/25

25A0380-18	Equipment Blank 1/7/25	01/13/25
BA50687-BLK1	Blank	01/13/25
BA50687-BS1	LCS	01/13/25

Batch ID: BA50761 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0380-17	Field Blank 1/7/25	01/14/25
25A0380-18	Equipment Blank 1/7/25	01/14/25
BA50761-BLK1	Blank	01/14/25
BA50761-BS1	LCS	01/14/25
BA50761-MS1	Matrix Spike	01/14/25
BA50761-MSD1	Matrix Spike Dup	01/14/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50481 - EPA 5030B											
Blank (BA50481-BLK1)									Prepared & Analyzed: 01/09/2025		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50481 - EPA 5030B											
Blank (BA50481-BLK1)										Prepared & Analyzed: 01/09/2025	
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.81*		*"*	*10.0*		*98.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				
LCS (BA50481-BS1)										Prepared & Analyzed: 01/09/2025	
1,1,1,2-Tetrachloroethane	9.02		ug/L	10.0		90.2	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.35		"	10.0		93.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.8		"	10.0		138	54-165				
1,1,2-Trichloroethane	8.63		"	10.0		86.3	82-123				
1,1-Dichloroethane	9.41		"	10.0		94.1	82-129				
1,1-Dichloroethylene	11.3		"	10.0		113	68-138				
1,2,3-Trichlorobenzene	8.94		"	10.0		89.4	76-136				
1,2,3-Trichloropropane	7.90		"	10.0		79.0	77-128				
1,2,4-Trichlorobenzene	9.37		"	10.0		93.7	76-137				
1,2,4-Trimethylbenzene	8.59		"	10.0		85.9	82-132				
1,2-Dibromo-3-chloropropane	8.24		"	10.0		82.4	45-147				
1,2-Dibromoethane	8.58		"	10.0		85.8	83-124				
1,2-Dichlorobenzene	8.87		"	10.0		88.7	79-123				
1,2-Dichloroethane	9.24		"	10.0		92.4	73-132				
1,2-Dichloropropane	9.09		"	10.0		90.9	78-126				
1,3,5-Trimethylbenzene	9.13		"	10.0		91.3	80-131				
1,3-Dichlorobenzene	8.92		"	10.0		89.2	86-122				
1,3-Dichloropropane	8.73		"	10.0		87.3	81-125				
1,4-Dichlorobenzene	8.89		"	10.0		88.9	85-124				
1,4-Dioxane	155		"	210		73.6	10-349				
2-Butanone	7.50		"	10.0		75.0	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50481 - EPA 5030B											
LCS (BA50481-BS1)								Prepared & Analyzed: 01/09/2025			
2-Hexanone	7.52		ug/L	10.0		75.2	51-146				
4-Methyl-2-pentanone	8.33		"	10.0		83.3	57-145				
Acetone	14.5		"	10.0		145	14-150				
Acrolein	6.22		"	10.0		62.2	10-153				
Acrylonitrile	8.89		"	10.0		88.9	51-150				
Benzene	9.94		"	10.0		99.4	85-126				
Bromochloromethane	8.96		"	10.0		89.6	77-128				
Bromodichloromethane	9.19		"	10.0		91.9	79-128				
Bromoform	8.98		"	10.0		89.8	78-133				
Bromomethane	2.22		"	10.0		22.2	43-168	Low Bias			
Carbon disulfide	11.4		"	10.0		114	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	9.29		"	10.0		92.9	88-120				
Chloroethane	8.12		"	10.0		81.2	65-136				
Chloroform	9.28		"	10.0		92.8	82-128				
Chloromethane	4.24		"	10.0		42.4	43-155	Low Bias			
cis-1,2-Dichloroethylene	9.82		"	10.0		98.2	83-129				
cis-1,3-Dichloropropylene	9.12		"	10.0		91.2	80-131				
Cyclohexane	11.7		"	10.0		117	63-149				
Dibromochloromethane	8.95		"	10.0		89.5	80-130				
Dibromomethane	8.42		"	10.0		84.2	72-134				
Dichlorodifluoromethane	5.62		"	10.0		56.2	44-144				
Ethyl Benzene	9.12		"	10.0		91.2	80-131				
Hexachlorobutadiene	11.5		"	10.0		115	67-146				
Isopropylbenzene	9.02		"	10.0		90.2	76-140				
Methyl acetate	7.86		"	10.0		78.6	51-139				
Methyl tert-butyl ether (MTBE)	8.90		"	10.0		89.0	76-135				
Methylcyclohexane	11.5		"	10.0		115	72-143				
Methylene chloride	8.97		"	10.0		89.7	55-137				
Naphthalene	9.21		"	10.0		92.1	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	9.61		"	10.0		96.1	78-133				
o-Xylene	9.93		"	10.0		99.3	78-130				
p- & m- Xylenes	20.6		"	20.0		103	77-133				
p-Diethylbenzene	10.1		"	10.0		101	84-134				
p-Ethyltoluene	9.15		"	10.0		91.5	88-129				
p-Isopropyltoluene	9.65		"	10.0		96.5	81-136				
sec-Butylbenzene	8.92		"	10.0		89.2	79-137				
Styrene	9.96		"	10.0		99.6	67-132				
tert-Butyl alcohol (TBA)	37.0		"	50.0		74.0	25-162				
tert-Butylbenzene	9.97		"	10.0		99.7	77-138				
Tetrachloroethylene	5.18		"	10.0		51.8	82-131	Low Bias			
Toluene	8.79		"	10.0		87.9	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	9.12		"	10.0		91.2	78-131				
Trichloroethylene	8.61		"	10.0		86.1	82-128				
Trichlorofluoromethane	9.22		"	10.0		92.2	67-139				
Vinyl Chloride	7.11		"	10.0		71.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.16*		*"*	*10.0*		*91.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50495 - EPA 5035A											
Blank (BA50495-BLK1)											Prepared & Analyzed: 01/09/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50495 - EPA 5035A											
Blank (BA50495-BLK1)									Prepared & Analyzed: 01/09/2025		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*76-130*				
LCS (BA50495-BS1)									Prepared & Analyzed: 01/09/2025		
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0		96.2	75-129				
1,1,1-Trichloroethane	44.0		"	50.0		88.1	71-137				
1,1,2,2-Tetrachloroethane	45.8		"	50.0		91.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.7		"	50.0		81.4	58-146				
1,1,2-Trichloroethane	45.5		"	50.0		91.1	83-123				
1,1-Dichloroethane	43.3		"	50.0		86.6	75-130				
1,1-Dichloroethylene	39.4		"	50.0		78.8	64-137				
1,2,3-Trichlorobenzene	48.5		"	50.0		97.0	81-140				
1,2,3-Trichloropropane	47.6		"	50.0		95.2	81-126				
1,2,4-Trichlorobenzene	48.2		"	50.0		96.5	80-141				
1,2,4-Trimethylbenzene	48.4		"	50.0		96.8	84-125				
1,2-Dibromo-3-chloropropane	44.6		"	50.0		89.1	74-142				
1,2-Dibromoethane	47.4		"	50.0		94.9	86-123				
1,2-Dichlorobenzene	46.2		"	50.0		92.5	85-122				
1,2-Dichloroethane	44.1		"	50.0		88.2	71-133				
1,2-Dichloropropane	45.6		"	50.0		91.1	81-122				
1,3,5-Trimethylbenzene	46.4		"	50.0		92.8	82-126				
1,3-Dichlorobenzene	45.9		"	50.0		91.9	84-124				
1,4-Dichlorobenzene	46.0		"	50.0		91.9	84-124				
1,4-Dioxane	871		"	1050		83.0	10-228				
2-Butanone	46.0		"	50.0		91.9	58-147				
2-Hexanone	45.9		"	50.0		91.8	70-139				
4-Methyl-2-pentanone	49.3		"	50.0		98.6	72-132				
Acetone	73.0		"	50.0		146	36-155				
Acrolein	30.1		"	50.0		60.2	10-238				
Acrylonitrile	43.6		"	50.0		87.3	66-141				
Benzene	45.5		"	50.0		91.0	77-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50495 - EPA 5035A											
LCS (BA50495-BS1)								Prepared & Analyzed: 01/09/2025			
Bromochloromethane	43.8		ug/L	50.0		87.6	74-129				
Bromodichloromethane	45.9		"	50.0		91.9	81-124				
Bromoform	46.5		"	50.0		92.9	80-136				
Bromomethane	42.8		"	50.0		85.6	32-177				
Carbon disulfide	31.2		"	50.0		62.4	10-136				
Carbon tetrachloride	43.6		"	50.0		87.1	66-143				
Chlorobenzene	45.0		"	50.0		90.0	86-120				
Chloroethane	45.8		"	50.0		91.5	51-142				
Chloroform	43.7		"	50.0		87.5	76-131				
Chloromethane	32.4		"	50.0		64.8	49-132				
cis-1,2-Dichloroethylene	44.6		"	50.0		89.2	74-132				
cis-1,3-Dichloropropylene	46.6		"	50.0		93.3	81-129				
Cyclohexane	46.0		"	50.0		92.1	70-130				
Dibromochloromethane	46.8		"	50.0		93.7	10-200				
Dibromomethane	43.5		"	50.0		87.0	83-124				
Dichlorodifluoromethane	23.3		"	50.0		46.5	28-158				
Ethyl Benzene	47.0		"	50.0		94.1	84-125				
Hexachlorobutadiene	41.8		"	50.0		83.5	83-133				
Isopropylbenzene	48.8		"	50.0		97.5	81-127				
Methyl acetate	33.3		"	50.0		66.7	41-143				
Methyl tert-butyl ether (MTBE)	54.2		"	50.0		108	74-131				
Methylcyclohexane	44.0		"	50.0		88.0	70-130				
Methylene chloride	39.8		"	50.0		79.6	57-141				
n-Butylbenzene	44.0		"	50.0		87.9	80-130				
n-Propylbenzene	46.5		"	50.0		93.0	74-136				
o-Xylene	47.2		"	50.0		94.3	83-123				
p- & m- Xylenes	90.9		"	100		90.9	82-128				
p-Isopropyltoluene	48.6		"	50.0		97.1	85-125				
sec-Butylbenzene	47.0		"	50.0		94.1	83-125				
Styrene	48.4		"	50.0		96.8	86-126				
tert-Butyl alcohol (TBA)	295		"	250		118	70-130				
tert-Butylbenzene	48.0		"	50.0		96.0	80-127				
Tetrachloroethylene	40.6		"	50.0		81.3	80-129				
Toluene	44.8		"	50.0		89.7	85-121				
trans-1,2-Dichloroethylene	43.4		"	50.0		86.8	72-132				
trans-1,3-Dichloropropylene	48.3		"	50.0		96.7	78-132				
Trichloroethylene	46.8		"	50.0		93.6	84-123				
Trichlorofluoromethane	42.0		"	50.0		84.1	62-140				
Vinyl Chloride	35.9		"	50.0		71.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50495 - EPA 5035A											
LCS Dup (BA50495-BSD1)							Prepared & Analyzed: 01/09/2025				
1,1,1,2-Tetrachloroethane	49.1		ug/L	50.0		98.3	75-129		2.08	30	
1,1,1-Trichloroethane	43.2		"	50.0		86.5	71-137		1.81	30	
1,1,2,2-Tetrachloroethane	46.4		"	50.0		92.9	79-129		1.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	32.5		"	50.0		64.9	58-146		22.6	30	
1,1,2-Trichloroethane	47.1		"	50.0		94.1	83-123		3.33	30	
1,1-Dichloroethane	43.0		"	50.0		86.0	75-130		0.741	30	
1,1-Dichloroethylene	42.0		"	50.0		84.1	64-137		6.53	30	
1,2,3-Trichlorobenzene	48.0		"	50.0		96.1	81-140		0.932	30	
1,2,3-Trichloropropane	47.1		"	50.0		94.2	81-126		0.993	30	
1,2,4-Trichlorobenzene	48.0		"	50.0		95.9	80-141		0.624	30	
1,2,4-Trimethylbenzene	48.5		"	50.0		97.1	84-125		0.268	30	
1,2-Dibromo-3-chloropropane	46.7		"	50.0		93.4	74-142		4.73	30	
1,2-Dibromoethane	48.8		"	50.0		97.6	86-123		2.87	30	
1,2-Dichlorobenzene	46.2		"	50.0		92.5	85-122		0.00	30	
1,2-Dichloroethane	43.2		"	50.0		86.5	71-133		1.92	30	
1,2-Dichloropropane	46.5		"	50.0		93.0	81-122		2.02	30	
1,3,5-Trimethylbenzene	46.3		"	50.0		92.5	82-126		0.281	30	
1,3-Dichlorobenzene	45.3		"	50.0		90.7	84-124		1.34	30	
1,4-Dichlorobenzene	45.6		"	50.0		91.2	84-124		0.743	30	
1,4-Dioxane	946		"	1050		90.1	10-228		8.22	30	
2-Butanone	46.3		"	50.0		92.7	58-147		0.802	30	
2-Hexanone	48.4		"	50.0		96.7	70-139		5.20	30	
4-Methyl-2-pentanone	51.0		"	50.0		102	72-132		3.35	30	
Acetone	81.2		"	50.0		162	36-155	High Bias	10.7	30	
Acrolein	24.9		"	50.0		49.7	10-238		19.1	30	
Acrylonitrile	44.2		"	50.0		88.4	66-141		1.25	30	
Benzene	44.9		"	50.0		89.8	77-127		1.35	30	
Bromochloromethane	44.0		"	50.0		88.1	74-129		0.547	30	
Bromodichloromethane	47.6		"	50.0		95.3	81-124		3.66	30	
Bromoform	48.4		"	50.0		96.9	80-136		4.17	30	
Bromomethane	40.9		"	50.0		81.7	32-177		4.64	30	
Carbon disulfide	30.8		"	50.0		61.7	10-136		1.26	30	
Carbon tetrachloride	43.4		"	50.0		86.7	66-143		0.460	30	
Chlorobenzene	45.5		"	50.0		90.9	86-120		1.04	30	
Chloroethane	39.1		"	50.0		78.2	51-142		15.7	30	
Chloroform	43.7		"	50.0		87.4	76-131		0.0686	30	
Chloromethane	31.5		"	50.0		63.1	49-132		2.72	30	
cis-1,2-Dichloroethylene	43.9		"	50.0		87.8	74-132		1.56	30	
cis-1,3-Dichloropropylene	47.8		"	50.0		95.7	81-129		2.56	30	
Cyclohexane	45.8		"	50.0		91.6	70-130		0.523	30	
Dibromochloromethane	49.6		"	50.0		99.1	10-200		5.66	30	
Dibromomethane	45.1		"	50.0		90.2	83-124		3.68	30	
Dichlorodifluoromethane	23.0		"	50.0		46.0	28-158		1.21	30	
Ethyl Benzene	47.3		"	50.0		94.6	84-125		0.551	30	
Hexachlorobutadiene	42.5		"	50.0		84.9	83-133		1.69	30	
Isopropylbenzene	48.6		"	50.0		97.2	81-127		0.329	30	
Methyl acetate	38.6		"	50.0		77.3	41-143		14.7	30	
Methyl tert-butyl ether (MTBE)	54.7		"	50.0		109	74-131		0.973	30	
Methylcyclohexane	44.8		"	50.0		89.7	70-130		1.85	30	
Methylene chloride	39.4		"	50.0		78.7	57-141		1.14	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50495 - EPA 5035A											
LCS Dup (BA50495-BSD1)								Prepared & Analyzed: 01/09/2025			
n-Butylbenzene	44.2		ug/L	50.0		88.5	80-130		0.635	30	
n-Propylbenzene	46.3		"	50.0		92.6	74-136		0.517	30	
o-Xylene	47.7		"	50.0		95.4	83-123		1.14	30	
p- & m- Xylenes	91.7		"	100		91.7	82-128		0.843	30	
p-Isopropyltoluene	48.4		"	50.0		96.7	85-125		0.454	30	
sec-Butylbenzene	47.0		"	50.0		94.0	83-125		0.106	30	
Styrene	48.9		"	50.0		97.8	86-126		1.11	30	
tert-Butyl alcohol (TBA)	306		"	250		122	70-130		3.78	30	
tert-Butylbenzene	48.2		"	50.0		96.3	80-127		0.354	30	
Tetrachloroethylene	41.1		"	50.0		82.2	80-129		1.08	30	
Toluene	45.2		"	50.0		90.5	85-121		0.866	30	
trans-1,2-Dichloroethylene	42.9		"	50.0		85.8	72-132		1.14	30	
trans-1,3-Dichloropropylene	50.0		"	50.0		100	78-132		3.46	30	
Trichloroethylene	47.6		"	50.0		95.2	84-123		1.69	30	
Trichlorofluoromethane	45.0		"	50.0		90.0	62-140		6.76	30	
Vinyl Chloride	34.6		"	50.0		69.2	52-130		3.74	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
Batch BA50557 - EPA 5035A											
Blank (BA50557-BLK1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
Blank (BA50557-BLK1)											
Prepared & Analyzed: 01/10/2025											
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
Blank (BA50557-BLK2)											Prepared & Analyzed: 01/10/2025
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
Blank (BA50557-BLK2)								Prepared & Analyzed: 01/10/2025			
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.7*	*76-130*				
LCS (BA50557-BS1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	50.8		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	48.2		"	50.0		96.4	71-137				
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.3		"	50.0		96.6	58-146				
1,1,2-Trichloroethane	50.3		"	50.0		101	83-123				
1,1-Dichloroethane	48.2		"	50.0		96.3	75-130				
1,1-Dichloroethylene	48.9		"	50.0		97.8	64-137				
1,2,3-Trichlorobenzene	50.8		"	50.0		102	81-140				
1,2,3-Trichloropropane	49.2		"	50.0		98.5	81-126				
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	49.9		"	50.0		99.7	84-125				
1,2-Dibromo-3-chloropropane	47.4		"	50.0		94.8	74-142				
1,2-Dibromoethane	51.7		"	50.0		103	86-123				
1,2-Dichlorobenzene	49.1		"	50.0		98.3	85-122				
1,2-Dichloroethane	50.8		"	50.0		102	71-133				
1,2-Dichloropropane	48.2		"	50.0		96.5	81-122				
1,3,5-Trimethylbenzene	48.8		"	50.0		97.6	82-126				
1,3-Dichlorobenzene	47.4		"	50.0		94.9	84-124				
1,4-Dichlorobenzene	47.9		"	50.0		95.9	84-124				
1,4-Dioxane	1630		"	1050		155	10-228				
2-Butanone	45.2		"	50.0		90.3	58-147				
2-Hexanone	45.4		"	50.0		90.7	70-139				
4-Methyl-2-pentanone	47.6		"	50.0		95.1	72-132				
Acetone	104		"	50.0		207	36-155	High Bias			
Acrolein	35.0		"	50.0		69.9	10-238				
Acrylonitrile	52.0		"	50.0		104	66-141				
Benzene	51.2		"	50.0		102	77-127				
Bromochloromethane	49.4		"	50.0		98.8	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
LCS (BA50557-BS1)								Prepared & Analyzed: 01/10/2025			
Bromodichloromethane	48.7		ug/L	50.0		97.4	81-124				
Bromoform	52.5		"	50.0		105	80-136				
Bromomethane	40.8		"	50.0		81.6	32-177				
Carbon disulfide	49.2		"	50.0		98.4	10-136				
Carbon tetrachloride	49.5		"	50.0		98.9	66-143				
Chlorobenzene	49.2		"	50.0		98.4	86-120				
Chloroethane	39.3		"	50.0		78.6	51-142				
Chloroform	50.4		"	50.0		101	76-131				
Chloromethane	31.4		"	50.0		62.7	49-132				
cis-1,2-Dichloroethylene	48.9		"	50.0		97.9	74-132				
cis-1,3-Dichloropropylene	48.5		"	50.0		97.1	81-129				
Cyclohexane	49.7		"	50.0		99.5	70-130				
Dibromochloromethane	51.1		"	50.0		102	10-200				
Dibromomethane	47.8		"	50.0		95.5	83-124				
Dichlorodifluoromethane	21.6		"	50.0		43.1	28-158				
Ethyl Benzene	50.2		"	50.0		100	84-125				
Hexachlorobutadiene	48.5		"	50.0		97.0	83-133				
Isopropylbenzene	49.5		"	50.0		99.0	81-127				
Methyl acetate	42.7		"	50.0		85.4	41-143				
Methyl tert-butyl ether (MTBE)	50.5		"	50.0		101	74-131				
Methylcyclohexane	44.5		"	50.0		89.0	70-130				
Methylene chloride	46.3		"	50.0		92.6	57-141				
n-Butylbenzene	47.0		"	50.0		94.1	80-130				
n-Propylbenzene	48.0		"	50.0		95.9	74-136				
o-Xylene	50.2		"	50.0		100	83-123				
p- & m- Xylenes	98.0		"	100		98.0	82-128				
p-Isopropyltoluene	50.1		"	50.0		100	85-125				
sec-Butylbenzene	48.9		"	50.0		97.8	83-125				
Styrene	52.8		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	249		"	250		99.7	70-130				
tert-Butylbenzene	49.2		"	50.0		98.3	80-127				
Tetrachloroethylene	44.3		"	50.0		88.7	80-129				
Toluene	48.4		"	50.0		96.8	85-121				
trans-1,2-Dichloroethylene	48.1		"	50.0		96.2	72-132				
trans-1,3-Dichloropropylene	49.6		"	50.0		99.2	78-132				
Trichloroethylene	48.8		"	50.0		97.6	84-123				
Trichlorofluoromethane	39.6		"	50.0		79.1	62-140				
Vinyl Chloride	35.2		"	50.0		70.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
LCS (BA50557-BS2)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	50.3		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	42.5		"	50.0		85.0	71-137				
1,1,2,2-Tetrachloroethane	52.6		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.4		"	50.0		86.8	58-146				
1,1,2-Trichloroethane	50.1		"	50.0		100	83-123				
1,1-Dichloroethane	42.5		"	50.0		85.0	75-130				
1,1-Dichloroethylene	44.6		"	50.0		89.2	64-137				
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140				
1,2,3-Trichloropropane	51.0		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	52.2		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	54.6		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	49.6		"	50.0		99.1	74-142				
1,2-Dibromoethane	50.2		"	50.0		100	86-123				
1,2-Dichlorobenzene	51.4		"	50.0		103	85-122				
1,2-Dichloroethane	44.1		"	50.0		88.2	71-133				
1,2-Dichloropropane	49.7		"	50.0		99.3	81-122				
1,3,5-Trimethylbenzene	54.0		"	50.0		108	82-126				
1,3-Dichlorobenzene	51.8		"	50.0		104	84-124				
1,4-Dichlorobenzene	51.9		"	50.0		104	84-124				
1,4-Dioxane	918		"	1050		87.5	10-228				
2-Butanone	39.2		"	50.0		78.4	58-147				
2-Hexanone	42.4		"	50.0		84.9	70-139				
4-Methyl-2-pentanone	46.6		"	50.0		93.2	72-132				
Acetone	92.8		"	50.0		186	36-155	High Bias			
Acrolein	27.4		"	50.0		54.8	10-238				
Acrylonitrile	43.4		"	50.0		86.8	66-141				
Benzene	44.4		"	50.0		88.7	77-127				
Bromochloromethane	43.6		"	50.0		87.3	74-129				
Bromodichloromethane	50.6		"	50.0		101	81-124				
Bromoform	49.8		"	50.0		99.6	80-136				
Bromomethane	38.2		"	50.0		76.3	32-177				
Carbon disulfide	44.0		"	50.0		88.1	10-136				
Carbon tetrachloride	43.7		"	50.0		87.4	66-143				
Chlorobenzene	50.0		"	50.0		99.9	86-120				
Chloroethane	47.9		"	50.0		95.8	51-142				
Chloroform	43.6		"	50.0		87.2	76-131				
Chloromethane	29.3		"	50.0		58.5	49-132				
cis-1,2-Dichloroethylene	43.8		"	50.0		87.5	74-132				
cis-1,3-Dichloropropylene	49.0		"	50.0		98.0	81-129				
Cyclohexane	42.9		"	50.0		85.8	70-130				
Dibromochloromethane	50.5		"	50.0		101	10-200				
Dibromomethane	48.8		"	50.0		97.6	83-124				
Dichlorodifluoromethane	16.8		"	50.0		33.6	28-158				
Ethyl Benzene	51.5		"	50.0		103	84-125				
Hexachlorobutadiene	50.2		"	50.0		100	83-133				
Isopropylbenzene	53.5		"	50.0		107	81-127				
Methyl acetate	36.1		"	50.0		72.2	41-143				
Methyl tert-butyl ether (MTBE)	40.7		"	50.0		81.4	74-131				
Methylcyclohexane	46.2		"	50.0		92.4	70-130				
Methylene chloride	40.2		"	50.0		80.3	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
LCS (BA50557-BS2)								Prepared & Analyzed: 01/10/2025			
n-Butylbenzene	54.3		ug/L	50.0		109	80-130				
n-Propylbenzene	54.0		"	50.0		108	74-136				
o-Xylene	50.4		"	50.0		101	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
p-Isopropyltoluene	54.8		"	50.0		110	85-125				
sec-Butylbenzene	53.7		"	50.0		107	83-125				
Styrene	52.7		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	190		"	250		75.8	70-130				
tert-Butylbenzene	53.2		"	50.0		106	80-127				
Tetrachloroethylene	44.4		"	50.0		88.9	80-129				
Toluene	50.2		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	43.8		"	50.0		87.5	72-132				
trans-1,3-Dichloropropylene	49.9		"	50.0		99.8	78-132				
Trichloroethylene	50.1		"	50.0		100	84-123				
Trichlorofluoromethane	38.3		"	50.0		76.6	62-140				
Vinyl Chloride	32.2		"	50.0		64.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.9*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BA50557-BSD1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	46.5		ug/L	50.0		93.0	75-129		8.82	30	
1,1,1-Trichloroethane	43.8		"	50.0		87.6	71-137		9.52	30	
1,1,2,2-Tetrachloroethane	43.2		"	50.0		86.3	79-129		11.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.5		"	50.0		87.0	58-146		10.4	30	
1,1,2-Trichloroethane	45.4		"	50.0		90.8	83-123		10.3	30	
1,1-Dichloroethane	43.5		"	50.0		86.9	75-130		10.3	30	
1,1-Dichloroethylene	44.0		"	50.0		88.0	64-137		10.6	30	
1,2,3-Trichlorobenzene	45.7		"	50.0		91.5	81-140		10.5	30	
1,2,3-Trichloropropane	44.3		"	50.0		88.5	81-126		10.7	30	
1,2,4-Trichlorobenzene	45.0		"	50.0		90.1	80-141		11.7	30	
1,2,4-Trimethylbenzene	44.9		"	50.0		89.8	84-125		10.5	30	
1,2-Dibromo-3-chloropropane	43.1		"	50.0		86.2	74-142		9.50	30	
1,2-Dibromoethane	45.9		"	50.0		91.8	86-123		11.8	30	
1,2-Dichlorobenzene	44.5		"	50.0		89.0	85-122		9.96	30	
1,2-Dichloroethane	45.7		"	50.0		91.4	71-133		10.6	30	
1,2-Dichloropropane	43.8		"	50.0		87.5	81-122		9.74	30	
1,3,5-Trimethylbenzene	44.2		"	50.0		88.4	82-126		9.91	30	
1,3-Dichlorobenzene	43.2		"	50.0		86.4	84-124		9.38	30	
1,4-Dichlorobenzene	43.5		"	50.0		87.0	84-124		9.73	30	
1,4-Dioxane	1530		"	1050		146	10-228		6.28	30	
2-Butanone	40.5		"	50.0		81.1	58-147		10.8	30	
2-Hexanone	41.4		"	50.0		82.9	70-139		9.03	30	
4-Methyl-2-pentanone	43.3		"	50.0		86.6	72-132		9.40	30	
Acetone	92.9		"	50.0		186	36-155	High Bias	11.0	30	
Acrolein	31.9		"	50.0		63.8	10-238		9.21	30	
Acrylonitrile	46.1		"	50.0		92.3	66-141		12.1	30	
Benzene	46.4		"	50.0		92.8	77-127		9.74	30	
Bromochloromethane	44.3		"	50.0		88.7	74-129		10.8	30	
Bromodichloromethane	44.4		"	50.0		88.9	81-124		9.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
LCS Dup (BA50557-BSD1)								Prepared & Analyzed: 01/10/2025			
Bromoform	47.2		ug/L	50.0		94.4	80-136		10.6	30	
Bromomethane	38.8		"	50.0		77.6	32-177		5.05	30	
Carbon disulfide	44.2		"	50.0		88.5	10-136		10.7	30	
Carbon tetrachloride	44.4		"	50.0		88.7	66-143		10.9	30	
Chlorobenzene	44.8		"	50.0		89.6	86-120		9.40	30	
Chloroethane	38.4		"	50.0		76.7	51-142		2.42	30	
Chloroform	45.9		"	50.0		91.8	76-131		9.27	30	
Chloromethane	31.1		"	50.0		62.3	49-132		0.736	30	
cis-1,2-Dichloroethylene	44.5		"	50.0		89.0	74-132		9.48	30	
cis-1,3-Dichloropropylene	43.4		"	50.0		86.9	81-129		11.1	30	
Cyclohexane	47.1		"	50.0		94.2	70-130		5.41	30	
Dibromochloromethane	45.9		"	50.0		91.9	10-200		10.6	30	
Dibromomethane	42.7		"	50.0		85.3	83-124		11.3	30	
Dichlorodifluoromethane	22.8		"	50.0		45.7	28-158		5.72	30	
Ethyl Benzene	44.9		"	50.0		89.9	84-125		11.0	30	
Hexachlorobutadiene	43.0		"	50.0		86.0	83-133		12.0	30	
Isopropylbenzene	44.4		"	50.0		88.9	81-127		10.8	30	
Methyl acetate	39.3		"	50.0		78.6	41-143		8.37	30	
Methyl tert-butyl ether (MTBE)	48.1		"	50.0		96.1	74-131		4.89	30	
Methylcyclohexane	42.0		"	50.0		84.0	70-130		5.76	30	
Methylene chloride	41.6		"	50.0		83.3	57-141		10.6	30	
n-Butylbenzene	43.0		"	50.0		86.0	80-130		8.93	30	
n-Propylbenzene	43.6		"	50.0		87.1	74-136		9.62	30	
o-Xylene	45.2		"	50.0		90.3	83-123		10.5	30	
p- & m- Xylenes	88.0		"	100		88.0	82-128		10.8	30	
p-Isopropyltoluene	45.5		"	50.0		91.0	85-125		9.54	30	
sec-Butylbenzene	44.2		"	50.0		88.4	83-125		10.1	30	
Styrene	47.9		"	50.0		95.7	86-126		9.72	30	
tert-Butyl alcohol (TBA)	230		"	250		92.1	70-130		7.92	30	
tert-Butylbenzene	44.9		"	50.0		89.8	80-127		9.10	30	
Tetrachloroethylene	39.6		"	50.0		79.3	80-129	Low Bias	11.2	30	
Toluene	43.7		"	50.0		87.4	85-121		10.1	30	
trans-1,2-Dichloroethylene	43.6		"	50.0		87.3	72-132		9.68	30	
trans-1,3-Dichloropropylene	44.3		"	50.0		88.6	78-132		11.3	30	
Trichloroethylene	44.4		"	50.0		88.7	84-123		9.55	30	
Trichlorofluoromethane	37.6		"	50.0		75.3	62-140		4.95	30	
Vinyl Chloride	34.0		"	50.0		68.0	52-130		3.35	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
LCS Dup (BA50557-BSD2)							Prepared & Analyzed: 01/10/2025				
1,1,1,2-Tetrachloroethane	47.4		ug/L	50.0		94.8	75-129		6.02	30	
1,1,1-Trichloroethane	39.9		"	50.0		79.8	71-137		6.31	30	
1,1,2,2-Tetrachloroethane	49.3		"	50.0		98.6	79-129		6.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.4		"	50.0		80.8	58-146		7.14	30	
1,1,2-Trichloroethane	47.8		"	50.0		95.7	83-123		4.66	30	
1,1-Dichloroethane	40.1		"	50.0		80.1	75-130		5.93	30	
1,1-Dichloroethylene	41.6		"	50.0		83.3	64-137		6.86	30	
1,2,3-Trichlorobenzene	48.3		"	50.0		96.6	81-140		6.26	30	
1,2,3-Trichloropropane	48.4		"	50.0		96.9	81-126		5.07	30	
1,2,4-Trichlorobenzene	49.4		"	50.0		98.8	80-141		5.44	30	
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125		7.62	30	
1,2-Dibromo-3-chloropropane	47.6		"	50.0		95.2	74-142		3.99	30	
1,2-Dibromoethane	47.6		"	50.0		95.2	86-123		5.26	30	
1,2-Dichlorobenzene	48.4		"	50.0		96.8	85-122		5.99	30	
1,2-Dichloroethane	41.9		"	50.0		83.7	71-133		5.21	30	
1,2-Dichloropropane	47.3		"	50.0		94.6	81-122		4.93	30	
1,3,5-Trimethylbenzene	49.9		"	50.0		99.9	82-126		7.76	30	
1,3-Dichlorobenzene	47.7		"	50.0		95.4	84-124		8.26	30	
1,4-Dichlorobenzene	48.3		"	50.0		96.7	84-124		7.06	30	
1,4-Dioxane	897		"	1050		85.4	10-228		2.40	30	
2-Butanone	39.5		"	50.0		78.9	58-147		0.661	30	
2-Hexanone	42.5		"	50.0		85.0	70-139		0.0942	30	
4-Methyl-2-pentanone	46.8		"	50.0		93.7	72-132		0.557	30	
Acetone	89.2		"	50.0		178	36-155	High Bias	3.93	30	
Acrolein	25.7		"	50.0		51.3	10-238		6.56	30	
Acrylonitrile	42.3		"	50.0		84.6	66-141		2.54	30	
Benzene	41.8		"	50.0		83.5	77-127		6.04	30	
Bromochloromethane	41.2		"	50.0		82.5	74-129		5.68	30	
Bromodichloromethane	47.9		"	50.0		95.7	81-124		5.60	30	
Bromoform	47.7		"	50.0		95.4	80-136		4.31	30	
Bromomethane	37.2		"	50.0		74.4	32-177		2.63	30	
Carbon disulfide	41.1		"	50.0		82.3	10-136		6.83	30	
Carbon tetrachloride	41.1		"	50.0		82.1	66-143		6.25	30	
Chlorobenzene	46.6		"	50.0		93.2	86-120		7.00	30	
Chloroethane	44.2		"	50.0		88.5	51-142		7.88	30	
Chloroform	41.1		"	50.0		82.2	76-131		5.85	30	
Chloromethane	29.8		"	50.0		59.7	49-132		1.90	30	
cis-1,2-Dichloroethylene	41.3		"	50.0		82.5	74-132		5.86	30	
cis-1,3-Dichloropropylene	46.4		"	50.0		92.8	81-129		5.39	30	
Cyclohexane	42.2		"	50.0		84.4	70-130		1.55	30	
Dibromochloromethane	47.5		"	50.0		94.9	10-200		6.21	30	
Dibromomethane	45.3		"	50.0		90.6	83-124		7.40	30	
Dichlorodifluoromethane	17.8		"	50.0		35.7	28-158		6.06	30	
Ethyl Benzene	48.4		"	50.0		96.9	84-125		6.07	30	
Hexachlorobutadiene	46.0		"	50.0		92.1	83-133		8.70	30	
Isopropylbenzene	50.3		"	50.0		101	81-127		6.28	30	
Methyl acetate	37.6		"	50.0		75.3	41-143		4.15	30	
Methyl tert-butyl ether (MTBE)	41.1		"	50.0		82.2	74-131		1.00	30	
Methylcyclohexane	45.9		"	50.0		91.8	70-130		0.673	30	
Methylene chloride	37.7		"	50.0		75.4	57-141		6.37	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
LCS Dup (BA50557-BSD2)								Prepared & Analyzed: 01/10/2025			
n-Butylbenzene	50.8		ug/L	50.0		102	80-130		6.68	30	
n-Propylbenzene	50.2		"	50.0		100	74-136		7.47	30	
o-Xylene	47.6		"	50.0		95.2	83-123		5.68	30	
p- & m- Xylenes	94.8		"	100		94.8	82-128		6.32	30	
p-Isopropyltoluene	51.0		"	50.0		102	85-125		7.13	30	
sec-Butylbenzene	50.0		"	50.0		99.9	83-125		7.31	30	
Styrene	49.5		"	50.0		99.0	86-126		6.28	30	
tert-Butyl alcohol (TBA)	201		"	250		80.4	70-130		5.93	30	
tert-Butylbenzene	49.6		"	50.0		99.2	80-127		6.97	30	
Tetrachloroethylene	41.7		"	50.0		83.4	80-129		6.34	30	
Toluene	47.4		"	50.0		94.9	85-121		5.59	30	
trans-1,2-Dichloroethylene	40.8		"	50.0		81.5	72-132		7.10	30	
trans-1,3-Dichloropropylene	47.2		"	50.0		94.3	78-132		5.66	30	
Trichloroethylene	47.5		"	50.0		95.0	84-123		5.25	30	
Trichlorofluoromethane	37.6		"	50.0		75.3	62-140		1.79	30	
Vinyl Chloride	31.6		"	50.0		63.1	52-130		2.13	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.1*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				
Matrix Spike (BA50557-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	48.9		ug/L	50.0	0.00	97.9	15-161				
1,1,1-Trichloroethane	46.5		"	50.0	0.00	92.9	42-145				
1,1,2,2-Tetrachloroethane	48.8		"	50.0	0.00	97.7	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		"	50.0	0.00	93.1	11-160				
1,1,2-Trichloroethane	49.4		"	50.0	0.00	98.9	44-145				
1,1-Dichloroethane	46.6		"	50.0	0.00	93.1	46-142				
1,1-Dichloroethylene	47.0		"	50.0	0.00	94.1	30-153				
1,2,3-Trichlorobenzene	40.0		"	50.0	0.00	80.1	10-157				
1,2,3-Trichloropropane	47.7		"	50.0	0.00	95.4	38-155				
1,2,4-Trichlorobenzene	39.4		"	50.0	0.00	78.8	10-151				
1,2,4-Trimethylbenzene	45.5		"	50.0	0.00	91.0	10-170				
1,2-Dibromo-3-chloropropane	46.2		"	50.0	0.00	92.3	36-138				
1,2-Dibromoethane	50.4		"	50.0	0.00	101	40-142				
1,2-Dichlorobenzene	44.8		"	50.0	0.00	89.5	10-147				
1,2-Dichloroethane	50.0		"	50.0	0.00	100	48-133				
1,2-Dichloropropane	47.2		"	50.0	0.00	94.4	47-141				
1,3,5-Trimethylbenzene	44.8		"	50.0	0.00	89.6	10-150				
1,3-Dichlorobenzene	43.1		"	50.0	0.00	86.2	10-144				
1,4-Dichlorobenzene	43.2		"	50.0	0.00	86.4	10-160				
1,4-Dioxane	1620		"	1050	0.00	154	10-191				
2-Butanone	38.4		"	50.0	0.00	76.8	10-189				
2-Hexanone	40.5		"	50.0	0.00	81.0	10-181				
4-Methyl-2-pentanone	44.5		"	50.0	0.00	89.0	10-166				
Acetone	80.4		"	50.0	0.00	161	10-196				
Acrolein	23.8		"	50.0	0.00	47.6	10-192				
Acrylonitrile	49.5		"	50.0	0.00	99.0	13-161				
Benzene	49.3		"	50.0	0.00	98.6	43-139				
Bromochloromethane	48.2		"	50.0	0.00	96.5	38-145				
Bromodichloromethane	48.5		"	50.0	0.00	96.9	38-147				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
Matrix Spike (BA50557-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared & Analyzed: 01/10/2025			
Bromoform	50.6		ug/L	50.0	0.00	101	29-156				
Bromomethane	41.3		"	50.0	0.00	82.5	10-166				
Carbon disulfide	47.9		"	50.0	0.00	95.8	10-131				
Carbon tetrachloride	47.9		"	50.0	0.00	95.8	35-145				
Chlorobenzene	47.3		"	50.0	0.00	94.6	21-154				
Chloroethane	40.2		"	50.0	0.00	80.4	15-160				
Chloroform	49.4		"	50.0	0.00	98.8	47-142				
Chloromethane	31.2		"	50.0	0.00	62.4	10-159				
cis-1,2-Dichloroethylene	47.9		"	50.0	0.00	95.9	42-144				
cis-1,3-Dichloropropylene	46.6		"	50.0	0.00	93.1	18-159				
Cyclohexane	46.5		"	50.0	0.00	93.1	70-130				
Dibromochloromethane	50.0		"	50.0	0.00	100	10-179				
Dibromomethane	47.1		"	50.0	0.00	94.3	47-143				
Dichlorodifluoromethane	21.3		"	50.0	0.00	42.6	10-145				
Ethyl Benzene	47.5		"	50.0	0.00	94.9	11-158				
Hexachlorobutadiene	36.9		"	50.0	0.00	73.8	10-158				
Isopropylbenzene	45.7		"	50.0	0.00	91.5	10-162				
Methyl acetate	48.8		"	50.0	0.00	97.6	10-149				
Methyl tert-butyl ether (MTBE)	49.3		"	50.0	0.00	98.6	42-152				
Methylcyclohexane	40.1		"	50.0	0.00	80.3	70-130				
Methylene chloride	44.6		"	50.0	0.00	89.2	28-151				
n-Butylbenzene	39.8		"	50.0	0.00	79.7	10-162				
n-Propylbenzene	43.6		"	50.0	0.00	87.2	10-155				
o-Xylene	47.2		"	50.0	0.00	94.4	10-158				
p- & m- Xylenes	91.9		"	100	0.00	91.9	10-156				
p-Isopropyltoluene	43.8		"	50.0	0.00	87.6	10-147				
sec-Butylbenzene	43.4		"	50.0	0.00	86.8	10-157				
Styrene	49.3		"	50.0	0.00	98.6	13-171				
tert-Butyl alcohol (TBA)	224		"	250	0.00	89.8	34-179				
tert-Butylbenzene	44.8		"	50.0	0.00	89.6	10-160				
Tetrachloroethylene	41.1		"	50.0	0.00	82.2	30-167				
Toluene	47.2		"	50.0	0.00	94.3	21-160				
trans-1,2-Dichloroethylene	46.4		"	50.0	0.00	92.8	29-153				
trans-1,3-Dichloropropylene	48.1		"	50.0	0.00	96.2	18-155				
Trichloroethylene	45.6		"	50.0	0.00	91.2	24-169				
Trichlorofluoromethane	40.1		"	50.0	0.00	80.2	35-142				
Vinyl Chloride	35.9		"	50.0	0.00	71.7	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
Matrix Spike Dup (BA50557-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared & Analyzed: 01/10/2025		
1,1,1,2-Tetrachloroethane	49.6		ug/L	50.0	0.00	99.1	15-161		1.28	33	
1,1,1-Trichloroethane	45.6		"	50.0	0.00	91.1	42-145		1.96	30	
1,1,2,2-Tetrachloroethane	49.2		"	50.0	0.00	98.4	16-167		0.734	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.7		"	50.0	0.00	89.5	11-160		4.01	31	
1,1,2-Trichloroethane	48.3		"	50.0	0.00	96.7	44-145		2.25	40	
1,1-Dichloroethane	45.4		"	50.0	0.00	90.8	46-142		2.52	36	
1,1-Dichloroethylene	45.0		"	50.0	0.00	89.9	30-153		4.52	31	
1,2,3-Trichlorobenzene	44.3		"	50.0	0.00	88.6	10-157		10.1	47	
1,2,3-Trichloropropane	48.4		"	50.0	0.00	96.9	38-155		1.50	48	
1,2,4-Trichlorobenzene	42.8		"	50.0	0.00	85.6	10-151		8.27	52	
1,2,4-Trimethylbenzene	46.8		"	50.0	0.00	93.7	10-170		2.90	242	
1,2-Dibromo-3-chloropropane	45.7		"	50.0	0.00	91.3	36-138		1.09	54	
1,2-Dibromoethane	49.4		"	50.0	0.00	98.8	40-142		2.04	39	
1,2-Dichlorobenzene	46.5		"	50.0	0.00	93.1	10-147		3.88	52	
1,2-Dichloroethane	49.0		"	50.0	0.00	98.0	48-133		2.12	32	
1,2-Dichloropropane	45.9		"	50.0	0.00	91.9	47-141		2.68	37	
1,3,5-Trimethylbenzene	45.8		"	50.0	0.00	91.7	10-150		2.25	62	
1,3-Dichlorobenzene	44.5		"	50.0	0.00	89.0	10-144		3.22	51	
1,4-Dichlorobenzene	44.6		"	50.0	0.00	89.2	10-160		3.26	52	
1,4-Dioxane	1540		"	1050	0.00	147	10-191		5.15	196	
2-Butanone	38.4		"	50.0	0.00	76.8	10-189		0.0521	67	
2-Hexanone	39.4		"	50.0	0.00	78.9	10-181		2.60	60	
4-Methyl-2-pentanone	43.7		"	50.0	0.00	87.3	10-166		1.86	47	
Acetone	78.0		"	50.0	0.00	156	10-196		3.04	150	
Acrolein	26.4		"	50.0	0.00	52.8	10-192		10.4	128	
Acrylonitrile	47.2		"	50.0	0.00	94.5	13-161		4.69	48	
Benzene	48.2		"	50.0	0.00	96.3	43-139		2.32	64	
Bromochloromethane	46.6		"	50.0	0.00	93.2	38-145		3.46	30	
Bromodichloromethane	47.8		"	50.0	0.00	95.6	38-147		1.33	37	
Bromoform	51.4		"	50.0	0.00	103	29-156		1.69	51	
Bromomethane	39.1		"	50.0	0.00	78.2	10-166		5.32	42	
Carbon disulfide	45.2		"	50.0	0.00	90.5	10-131		5.69	36	
Carbon tetrachloride	47.0		"	50.0	0.00	93.9	35-145		2.02	31	
Chlorobenzene	47.0		"	50.0	0.00	94.1	21-154		0.572	32	
Chloroethane	38.4		"	50.0	0.00	76.7	15-160		4.76	40	
Chloroform	48.8		"	50.0	0.00	97.5	47-142		1.30	29	
Chloromethane	30.0		"	50.0	0.00	60.0	10-159		3.79	31	
cis-1,2-Dichloroethylene	47.0		"	50.0	0.00	94.1	42-144		1.92	30	
cis-1,3-Dichloropropylene	45.9		"	50.0	0.00	91.8	18-159		1.43	39	
Cyclohexane	45.1		"	50.0	0.00	90.3	70-130		3.05	30	
Dibromochloromethane	50.0		"	50.0	0.00	99.9	10-179		0.200	41	
Dibromomethane	45.8		"	50.0	0.00	91.7	47-143		2.80	41	
Dichlorodifluoromethane	20.1		"	50.0	0.00	40.2	10-145		5.80	34	
Ethyl Benzene	47.1		"	50.0	0.00	94.2	11-158		0.761	42	
Hexachlorobutadiene	42.2		"	50.0	0.00	84.4	10-158		13.4	45	
Isopropylbenzene	46.7		"	50.0	0.00	93.4	10-162		2.06	57	
Methyl acetate	42.3		"	50.0	0.00	84.6	10-149		14.4	64	
Methyl tert-butyl ether (MTBE)	47.7		"	50.0	0.00	95.5	42-152		3.24	47	
Methylcyclohexane	39.7		"	50.0	0.00	79.3	70-130		1.18	30	
Methylene chloride	42.9		"	50.0	0.00	85.8	28-151		3.86	49	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50557 - EPA 5035A											
Matrix Spike Dup (BA50557-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared & Analyzed: 01/10/2025		
n-Butylbenzene	42.4		ug/L	50.0	0.00	84.7	10-162		6.15	96	
n-Propylbenzene	45.0		"	50.0	0.00	89.9	10-155		3.14	56	
o-Xylene	47.3		"	50.0	0.00	94.5	10-158		0.106	51	
p- & m- Xylenes	92.0		"	100	0.00	92.0	10-156		0.141	47	
p-Isopropyltoluene	45.8		"	50.0	0.00	91.7	10-147		4.62	60	
sec-Butylbenzene	45.2		"	50.0	0.00	90.4	10-157		4.04	56	
Styrene	49.8		"	50.0	0.00	99.7	13-171		1.09	39	
tert-Butyl alcohol (TBA)	222		"	250	0.00	88.9	34-179		0.994	35	
tert-Butylbenzene	46.9		"	50.0	0.00	93.7	10-160		4.47	79	
Tetrachloroethylene	41.4		"	50.0	0.00	82.9	30-167		0.824	33	
Toluene	46.2		"	50.0	0.00	92.3	21-160		2.16	50	
trans-1,2-Dichloroethylene	45.0		"	50.0	0.00	90.1	29-153		2.95	30	
trans-1,3-Dichloropropylene	47.7		"	50.0	0.00	95.4	18-155		0.856	30	
Trichloroethylene	44.6		"	50.0	0.00	89.3	24-169		2.06	30	
Trichlorofluoromethane	37.9		"	50.0	0.00	75.9	35-142		5.51	30	
Vinyl Chloride	33.4		"	50.0	0.00	66.7	12-160		7.25	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.8*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50472 - EPA 3510C											
Blank (BA50472-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*15.2*		"	*50.0*		*30.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.93*		"	*50.0*		*17.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.2*		"	*25.0*		*64.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.5*		"	*25.0*		*58.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.8*		"	*50.0*		*77.5*	*39.3-151*				

Prepared: 01/09/2025 Analyzed: 01/10/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50472 - EPA 3510C											
Blank (BA50472-BLK1)									Prepared: 01/09/2025 Analyzed: 01/10/2025		
Surrogate: SURR: Terphenyl-d14	*19.3*		*ug/L*	*25.0*		*77.1*	*30.7-106*				
Blank (BA50472-BLK2)									Prepared: 01/09/2025 Analyzed: 01/10/2025		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50472 - EPA 3510C											
LCS (BA50472-BS1)								Prepared: 01/09/2025 Analyzed: 01/10/2025			
1,1-Biphenyl	14.3	5.00	ug/L	25.0		57.3	33-95				
1,2,4,5-Tetrachlorobenzene	10.2	5.00	"	25.0		40.6	26-120				
2,3,4,6-Tetrachlorophenol	24.6	5.00	"	25.0		98.5	30-130				
2,4,5-Trichlorophenol	16.5	5.00	"	25.0		66.0	32-114				
2,4,6-Trichlorophenol	15.0	5.00	"	25.0		60.0	35-118				
2,4-Dichlorophenol	13.3	5.00	"	25.0		53.2	25-116				
2,4-Dimethylphenol	13.6	5.00	"	25.0		54.3	15-116				
2,4-Dinitrophenol	10.5	5.00	"	25.0		42.1	10-170				
2,4-Dinitrotoluene	17.4	5.00	"	25.0		69.5	41-128				
2,6-Dinitrotoluene	17.0	5.00	"	25.0		68.0	45-116				
2-Chloronaphthalene	12.6	5.00	"	25.0		50.5	33-112				
2-Chlorophenol	12.1	5.00	"	25.0		48.2	15-120				
2-Methylnaphthalene	10.7	5.00	"	25.0		42.7	24-118				
2-Methylphenol	11.5	5.00	"	25.0		45.9	10-110				
2-Nitroaniline	16.6	5.00	"	25.0		66.6	34-129				
2-Nitrophenol	14.3	5.00	"	25.0		57.0	28-118				
3- & 4-Methylphenols	8.75	5.00	"	25.0		35.0	10-107				
3,3-Dichlorobenzidine	13.5	5.00	"	25.0		54.1	15-187				
3-Nitroaniline	12.7	5.00	"	25.0		50.6	24-134				
4,6-Dinitro-2-methylphenol	14.7	5.00	"	25.0		58.9	10-153				
4-Bromophenyl phenyl ether	11.6	5.00	"	25.0		46.6	34-120				
4-Chloro-3-methylphenol	15.5	5.00	"	25.0		62.1	20-120				
4-Chloroaniline	7.33	5.00	"	25.0		29.3	10-147				
4-Chlorophenyl phenyl ether	14.1	5.00	"	25.0		56.3	27-121				
4-Nitroaniline	15.4	5.00	"	25.0		61.6	13-134				
4-Nitrophenol	10.8	5.00	"	25.0		43.2	10-131				
Acetophenone	11.4	5.00	"	25.0		45.7	25-110				
Benzaldehyde	11.9	5.00	"	25.0		47.6	29-117				
Benzyl butyl phthalate	20.8	5.00	"	25.0		83.0	29-133				
Bis(2-chloroethoxy)methane	12.9	5.00	"	25.0		51.4	10-154				
Bis(2-chloroethyl)ether	12.9	5.00	"	25.0		51.5	17-125				
Bis(2-chloroisopropyl)ether	12.5	5.00	"	25.0		49.9	10-139				
Caprolactam	2.53	5.00	"	25.0		10.1	10-137				
Carbazole	17.3	5.00	"	25.0		69.4	42-126				
Dibenzofuran	13.7	5.00	"	25.0		54.7	36-113				
Diethyl phthalate	16.5	5.00	"	25.0		66.1	38-115				
Dimethyl phthalate	15.2	5.00	"	25.0		60.8	38-129				
Di-n-butyl phthalate	18.4	5.00	"	25.0		73.4	31-120				
Di-n-octyl phthalate	18.5	5.00	"	25.0		74.0	21-149				
Hexachlorocyclopentadiene	8.08	10.0	"	25.0		32.3	10-130				
Isophorone	14.2	5.00	"	25.0		56.7	25-127				
N-nitroso-di-n-propylamine	18.2	5.00	"	25.0		72.9	26-122				
N-Nitrosodiphenylamine	16.1	5.00	"	25.0		64.4	23-149				
Phenol	4.63	5.00	"	25.0		18.5	10-110				
Pyridine	3.35	5.00	"	35.0		9.57	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*13.6*		*"*	*50.0*		*27.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.23*		*"*	*50.0*		*16.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.1*		*"*	*25.0*		*56.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.6*		*"*	*25.0*		*54.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*24.9*		*"*	*50.0*		*49.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.7*		*"*	*25.0*		*67.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50472 - EPA 3510C											
LCS (BA50472-BS2)								Prepared: 01/09/2025 Analyzed: 01/10/2025			
Acenaphthene	0.570	0.0500	ug/L	1.00		57.0	25-116				
Acenaphthylene	0.620	0.0500	"	1.00		62.0	26-116				
Anthracene	0.580	0.0500	"	1.00		58.0	25-123				
Benzo(a)anthracene	0.600	0.0500	"	1.00		60.0	33-125				
Benzo(a)pyrene	0.610	0.0500	"	1.00		61.0	32-132				
Benzo(b)fluoranthene	0.620	0.0500	"	1.00		62.0	22-137				
Benzo(g,h,i)perylene	0.570	0.0500	"	1.00		57.0	10-138				
Benzo(k)fluoranthene	0.830	0.0500	"	1.00		83.0	20-137				
Bis(2-ethylhexyl)phthalate	0.770	0.500	"	1.00		77.0	10-189				
Chrysene	0.580	0.0500	"	1.00		58.0	32-124				
Dibenzo(a,h)anthracene	0.470	0.0500	"	1.00		47.0	16-133				
Fluoranthene	0.710	0.0500	"	1.00		71.0	32-121				
Fluorene	0.600	0.0500	"	1.00		60.0	28-118				
Hexachlorobenzene	0.620	0.0200	"	1.00		62.0	23-124				
Hexachlorobutadiene	0.500	0.500	"	1.00		50.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.480	0.0500	"	1.00		48.0	15-135				
Naphthalene	0.550	0.0500	"	1.00		55.0	18-120				
Nitrobenzene	0.290	0.250	"	1.00		29.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	0.560	0.0500	"	1.00		56.0	24-127				
Pyrene	0.550	0.0500	"	1.00		55.0	31-132				
LCS Dup (BA50472-BSD1)								Prepared: 01/09/2025 Analyzed: 01/10/2025			
1,1-Biphenyl	16.6	5.00	ug/L	25.0		66.5	33-95		14.9	20	
1,2,4,5-Tetrachlorobenzene	11.7	5.00	"	25.0		46.7	26-120		14.0	20	
2,3,4,6-Tetrachlorophenol	27.5	5.00	"	25.0		110	30-130		11.1	20	
2,4,5-Trichlorophenol	17.7	5.00	"	25.0		71.0	32-114		7.30	20	
2,4,6-Trichlorophenol	16.5	5.00	"	25.0		66.1	35-118		9.58	20	
2,4-Dichlorophenol	14.6	5.00	"	25.0		58.5	25-116		9.46	20	
2,4-Dimethylphenol	15.6	5.00	"	25.0		62.2	15-116		13.5	20	
2,4-Dinitrophenol	12.1	5.00	"	25.0		48.6	10-170		14.2	20	
2,4-Dinitrotoluene	19.0	5.00	"	25.0		75.9	41-128		8.86	20	
2,6-Dinitrotoluene	19.1	5.00	"	25.0		76.6	45-116		11.9	20	
2-Chloronaphthalene	14.4	5.00	"	25.0		57.7	33-112		13.4	20	
2-Chlorophenol	13.5	5.00	"	25.0		54.0	15-120		11.3	20	
2-Methylnaphthalene	12.2	5.00	"	25.0		48.7	24-118		13.2	20	
2-Methylphenol	12.9	5.00	"	25.0		51.4	10-110		11.4	20	
2-Nitroaniline	18.0	5.00	"	25.0		72.0	34-129		7.80	20	
2-Nitrophenol	16.4	5.00	"	25.0		65.8	28-118		14.3	20	
3- & 4-Methylphenols	9.35	5.00	"	25.0		37.4	10-107		6.63	20	
3,3-Dichlorobenzidine	15.0	5.00	"	25.0		60.0	15-187		10.4	20	
3-Nitroaniline	13.5	5.00	"	25.0		54.1	24-134		6.64	20	
4,6-Dinitro-2-methylphenol	16.9	5.00	"	25.0		67.7	10-153		13.9	20	
4-Bromophenyl phenyl ether	12.7	5.00	"	25.0		51.0	34-120		9.02	20	
4-Chloro-3-methylphenol	16.9	5.00	"	25.0		67.7	20-120		8.63	20	
4-Chloroaniline	7.93	5.00	"	25.0		31.7	10-147		7.86	20	
4-Chlorophenyl phenyl ether	15.6	5.00	"	25.0		62.6	27-121		10.5	20	
4-Nitroaniline	17.1	5.00	"	25.0		68.3	13-134		10.4	20	
4-Nitrophenol	11.6	5.00	"	25.0		46.4	10-131		7.23	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50472 - EPA 3510C											
LCS Dup (BA50472-BSD1)									Prepared: 01/09/2025 Analyzed: 01/10/2025		
Acetophenone	12.9	5.00	ug/L	25.0		51.6	25-110		12.2	20	
Benzaldehyde	13.4	5.00	"	25.0		53.6	29-117		11.9	20	
Benzyl butyl phthalate	22.1	5.00	"	25.0		88.2	29-133		6.07	20	
Bis(2-chloroethoxy)methane	14.6	5.00	"	25.0		58.3	10-154		12.5	20	
Bis(2-chloroethyl)ether	14.7	5.00	"	25.0		58.8	17-125		13.2	20	
Bis(2-chloroisopropyl)ether	14.3	5.00	"	25.0		57.2	10-139		13.7	20	
Caprolactam	2.55	5.00	"	25.0		10.2	10-137		0.787	20	
Carbazole	19.0	5.00	"	25.0		75.9	42-126		9.03	20	
Dibenzofuran	15.2	5.00	"	25.0		60.8	36-113		10.7	20	
Diethyl phthalate	18.1	5.00	"	25.0		72.3	38-115		8.96	20	
Dimethyl phthalate	16.9	5.00	"	25.0		67.7	38-129		10.8	20	
Di-n-butyl phthalate	20.1	5.00	"	25.0		80.4	31-120		9.05	20	
Di-n-octyl phthalate	20.0	5.00	"	25.0		80.0	21-149		7.79	20	
Hexachlorocyclopentadiene	9.59	10.0	"	25.0		38.4	10-130		17.1	20	
Isophorone	16.0	5.00	"	25.0		64.1	25-127		12.2	20	
N-nitroso-di-n-propylamine	20.6	5.00	"	25.0		82.5	26-122		12.3	20	
N-Nitrosodiphenylamine	17.4	5.00	"	25.0		69.7	23-149		7.94	20	
Phenol	5.06	5.00	"	25.0		20.2	10-110		8.88	20	
Pyridine	3.04	5.00	"	35.0		8.69	10-90	Low Bias	9.70	20	
Surrogate: SURR: 2-Fluorophenol	*14.3*		*"*	*50.0*		*28.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.69*		*"*	*50.0*		*17.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.6*		*"*	*25.0*		*62.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.0*		*"*	*25.0*		*60.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*27.0*		*"*	*50.0*		*54.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.5*		*"*	*25.0*		*70.0*	*30.7-106*				
Batch BA50567 - EPA 3550C											
Blank (BA50567-BLK1)									Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50567 - EPA 3550C											
Blank (BA50567-BLK1)											
3,3-Dichlorobenzidine	ND	0.0417	mg/kg wet								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								

Prepared: 01/10/2025 Analyzed: 01/13/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50567 - EPA 3550C											
Blank (BA50567-BLK1)											Prepared: 01/10/2025 Analyzed: 01/13/2025
Pentachlorophenol	ND	0.0417	mg/kg wet								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.21*		*"*	*1.67*		*72.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.07*		*"*	*1.67*		*64.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.481*		*"*	*0.833*		*57.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.541*		*"*	*0.833*		*65.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.33*		*"*	*1.67*		*79.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.565*		*"*	*0.833*		*67.8*	*24-116*				
LCS (BA50567-BS1)											Prepared: 01/10/2025 Analyzed: 01/13/2025
1,1-Biphenyl	0.495	0.0417	mg/kg wet	0.833		59.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.382	0.0833	"	0.833		45.8	21-131				
1,2,4-Trichlorobenzene	0.284	0.0417	"	0.833		34.1	10-140				
1,2-Dichlorobenzene	0.442	0.0417	"	0.833		53.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.552	0.0417	"	0.833		66.2	17-137				
1,3-Dichlorobenzene	0.461	0.0417	"	0.833		55.4	33-110				
1,4-Dichlorobenzene	0.440	0.0417	"	0.833		52.8	32-104				
2,3,4,6-Tetrachlorophenol	0.635	0.0833	"	0.833		76.2	30-130				
2,4,5-Trichlorophenol	0.401	0.0417	"	0.833		48.2	27-118				
2,4,6-Trichlorophenol	0.359	0.0417	"	0.833		43.0	31-120				
2,4-Dichlorophenol	0.369	0.0417	"	0.833		44.3	20-127				
2,4-Dimethylphenol	0.437	0.0417	"	0.833		52.4	14-132				
2,4-Dinitrophenol	0.301	0.0833	"	0.833		36.1	10-171				
2,4-Dinitrotoluene	0.447	0.0417	"	0.833		53.6	34-131				
2,6-Dinitrotoluene	0.442	0.0417	"	0.833		53.0	31-128				
2-Chloronaphthalene	0.457	0.0417	"	0.833		54.8	31-117				
2-Chlorophenol	0.529	0.0417	"	0.833		63.4	33-113				
2-Methylnaphthalene	0.373	0.0417	"	0.833		44.7	12-138				
2-Methylphenol	0.420	0.0417	"	0.833		50.4	10-136				
2-Nitroaniline	0.548	0.0833	"	0.833		65.8	27-132				
2-Nitrophenol	0.471	0.0417	"	0.833		56.5	17-129				
3- & 4-Methylphenols	0.354	0.0417	"	0.833		42.5	29-103				
3,3-Dichlorobenzidine	0.735	0.0417	"	0.833		88.2	22-149				
3-Nitroaniline	0.548	0.0833	"	0.833		65.8	20-133				
4,6-Dinitro-2-methylphenol	0.396	0.0833	"	0.833		47.5	10-143				
4-Bromophenyl phenyl ether	0.416	0.0417	"	0.833		49.9	29-120				
4-Chloro-3-methylphenol	0.405	0.0417	"	0.833		48.6	24-129				
4-Chloroaniline	0.246	0.0417	"	0.833		29.5	10-132				
4-Chlorophenyl phenyl ether	0.344	0.0417	"	0.833		41.3	27-124				
4-Nitroaniline	0.437	0.0833	"	0.833		52.5	16-128				
4-Nitrophenol	0.421	0.0833	"	0.833		50.6	10-141				
Acenaphthene	0.434	0.0417	"	0.833		52.1	30-121				
Acenaphthylene	0.471	0.0417	"	0.833		56.6	30-115				
Acetophenone	0.431	0.0417	"	0.833		51.8	20-112				
Aniline	0.332	0.167	"	0.833		39.8	10-119				
Anthracene	0.460	0.0417	"	0.833		55.2	34-118				
Atrazine	0.431	0.0417	"	0.833		51.8	26-112				
Benzaldehyde	0.379	0.0417	"	0.833		45.5	21-100				
Benzo(a)anthracene	0.504	0.0417	"	0.833		60.5	32-122				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50567 - EPA 3550C											
LCS (BA50567-BS1)									Prepared: 01/10/2025 Analyzed: 01/13/2025		
Benzo(a)pyrene	0.519	0.0417	mg/kg wet	0.833		62.3	29-133				
Benzo(b)fluoranthene	0.542	0.0417	"	0.833		65.0	25-133				
Benzo(g,h,i)perylene	0.498	0.0417	"	0.833		59.8	10-143				
Benzo(k)fluoranthene	0.510	0.0417	"	0.833		61.2	25-128				
Benzoic acid	0.204	0.0417	"	1.67		12.3	10-140				
Benzyl alcohol	0.404	0.0417	"	0.833		48.5	30-115				
Benzyl butyl phthalate	0.608	0.0417	"	0.833		73.0	26-126				
Bis(2-chloroethoxy)methane	0.408	0.0417	"	0.833		49.0	19-132				
Bis(2-chloroethyl)ether	0.373	0.0417	"	0.833		44.7	19-125				
Bis(2-chloroisopropyl)ether	0.426	0.0417	"	0.833		51.1	20-135				
Bis(2-ethylhexyl)phthalate	0.618	0.0417	"	0.833		74.2	10-155				
Caprolactam	0.462	0.0833	"	0.833		55.4	10-127				
Carbazole	0.441	0.0417	"	0.833		53.0	35-123				
Chrysene	0.474	0.0417	"	0.833		56.8	32-123				
Dibenzo(a,h)anthracene	0.503	0.0417	"	0.833		60.4	10-136				
Dibenzofuran	0.413	0.0417	"	0.833		49.6	29-121				
Diethyl phthalate	0.465	0.0417	"	0.833		55.8	34-116				
Dimethyl phthalate	0.440	0.0417	"	0.833		52.8	35-124				
Di-n-butyl phthalate	0.552	0.0417	"	0.833		66.2	31-116				
Di-n-octyl phthalate	0.686	0.0417	"	0.833		82.3	26-136				
Fluoranthene	0.415	0.0417	"	0.833		49.8	33-122				
Fluorene	0.427	0.0417	"	0.833		51.2	29-123				
Hexachlorobenzene	0.612	0.0417	"	0.833		73.4	21-124				
Hexachlorobutadiene	0.310	0.0417	"	0.833		37.2	10-149				
Hexachlorocyclopentadiene	0.277	0.0417	"	0.833		33.2	10-129				
Hexachloroethane	0.522	0.0417	"	0.833		62.6	28-108				
Indeno(1,2,3-cd)pyrene	0.593	0.0417	"	0.833		71.2	10-135				
Isophorone	0.368	0.0417	"	0.833		44.2	20-132				
Naphthalene	0.464	0.0417	"	0.833		55.7	23-124				
Nitrobenzene	0.359	0.0417	"	0.833		43.1	13-132				
N-Nitrosodimethylamine	0.391	0.0417	"	0.833		46.9	11-129				
N-nitroso-di-n-propylamine	0.381	0.0417	"	0.833		45.7	24-119				
N-Nitrosodiphenylamine	0.585	0.0417	"	0.833		70.2	22-152				
Pentachlorophenol	0.211	0.0417	"	0.833		25.3	10-139				
Phenanthrene	0.451	0.0417	"	0.833		54.1	33-123				
Phenol	0.436	0.0417	"	0.833		52.3	23-115				
Pyrene	0.473	0.0417	"	0.833		56.8	24-130				
Surrogate: SURR: 2-Fluorophenol	*0.895*		*"*	*1.67*		*53.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.796*		*"*	*1.67*		*47.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.374*		*"*	*0.833*		*44.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.412*		*"*	*0.833*		*49.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.994*		*"*	*1.67*		*59.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.431*		*"*	*0.833*		*51.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50567 - EPA 3550C											
Matrix Spike (BA50567-MS1)	*Source sample: 25A0380-16 (SB005 (6- 8FT))							Prepared: 01/10/2025 Analyzed: 01/13/2025			
1,1-Biphenyl	0.457	0.0857	mg/kg dry	0.857	ND	53.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.416	0.171	"	0.857	ND	48.6	10-133				
1,2,4-Trichlorobenzene	0.306	0.0857	"	0.857	ND	35.8	10-127				
1,2-Dichlorobenzene	0.460	0.0857	"	0.857	ND	53.7	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.552	0.0857	"	0.857	ND	64.5	10-144				
1,3-Dichlorobenzene	0.442	0.0857	"	0.857	ND	51.6	11-111				
1,4-Dichlorobenzene	0.429	0.0857	"	0.857	ND	50.1	10-106				
2,3,4,6-Tetrachlorophenol	0.627	0.171	"	0.857	ND	73.2	30-130				
2,4,5-Trichlorophenol	0.400	0.0857	"	0.857	ND	46.7	10-127				
2,4,6-Trichlorophenol	0.350	0.0857	"	0.857	ND	40.8	10-132				
2,4-Dichlorophenol	0.368	0.0857	"	0.857	ND	43.0	10-128				
2,4-Dimethylphenol	0.433	0.0857	"	0.857	ND	50.6	10-137				
2,4-Dinitrophenol	0.322	0.171	"	0.857	ND	37.6	10-171				
2,4-Dinitrotoluene	0.464	0.0857	"	0.857	ND	54.2	16-135				
2,6-Dinitrotoluene	0.415	0.0857	"	0.857	ND	48.4	18-131				
2-Chloronaphthalene	0.420	0.0857	"	0.857	ND	49.0	10-129				
2-Chlorophenol	0.544	0.0857	"	0.857	ND	63.5	15-116				
2-Methylnaphthalene	0.432	0.0857	"	0.857	ND	50.4	10-147				
2-Methylphenol	0.455	0.0857	"	0.857	ND	53.1	10-136				
2-Nitroaniline	0.491	0.171	"	0.857	ND	57.3	10-137				
2-Nitrophenol	0.452	0.0857	"	0.857	ND	52.8	10-129				
3- & 4-Methylphenols	0.367	0.0857	"	0.857	ND	42.9	10-123				
3,3-Dichlorobenzidine	0.691	0.0857	"	0.857	ND	80.6	10-155				
3-Nitroaniline	0.491	0.171	"	0.857	ND	57.3	12-133				
4,6-Dinitro-2-methylphenol	0.417	0.171	"	0.857	ND	48.7	10-155				
4-Bromophenyl phenyl ether	0.450	0.0857	"	0.857	ND	52.5	14-128				
4-Chloro-3-methylphenol	0.411	0.0857	"	0.857	ND	47.9	10-134				
4-Chloroaniline	0.306	0.0857	"	0.857	ND	35.8	10-145				
4-Chlorophenyl phenyl ether	0.339	0.0857	"	0.857	ND	39.5	14-130				
4-Nitroaniline	0.469	0.171	"	0.857	ND	54.8	10-147				
4-Nitrophenol	0.407	0.171	"	0.857	ND	47.5	10-137				
Acenaphthene	0.472	0.0857	"	0.857	ND	55.1	10-146				
Acenaphthylene	0.482	0.0857	"	0.857	ND	56.2	10-134				
Acetophenone	0.403	0.0857	"	0.857	ND	47.0	10-116				
Aniline	0.281	0.343	"	0.857	ND	32.8	10-123				
Anthracene	0.459	0.0857	"	0.857	ND	53.6	10-142				
Atrazine	0.461	0.0857	"	0.857	ND	53.8	19-115				
Benzaldehyde	0.430	0.0857	"	0.857	ND	50.2	10-125				
Benzo(a)anthracene	0.507	0.0857	"	0.857	ND	59.2	10-158				
Benzo(a)pyrene	0.500	0.0857	"	0.857	ND	58.3	10-180				
Benzo(b)fluoranthene	0.492	0.0857	"	0.857	ND	57.4	10-200				
Benzo(g,h,i)perylene	0.554	0.0857	"	0.857	ND	64.7	10-138				
Benzo(k)fluoranthene	0.480	0.0857	"	0.857	ND	56.1	10-197				
Benzoic acid	0.142	0.0857	"	1.71	ND	8.28	10-166	Low Bias			
Benzyl alcohol	0.407	0.0857	"	0.857	ND	47.5	12-124				
Benzyl butyl phthalate	0.613	0.0857	"	0.857	ND	71.5	10-154				
Bis(2-chloroethoxy)methane	0.404	0.0857	"	0.857	ND	47.1	10-132				
Bis(2-chloroethyl)ether	0.385	0.0857	"	0.857	ND	45.0	10-119				
Bis(2-chloroisopropyl)ether	0.461	0.0857	"	0.857	ND	53.8	10-139				
Bis(2-ethylhexyl)phthalate	0.645	0.0857	"	0.857	ND	75.3	10-167				
Caprolactam	0.531	0.171	"	0.857	ND	62.0	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50567 - EPA 3550C											
Matrix Spike (BA50567-MS1)	*Source sample: 25A0380-16 (SB005 (6- 8FT))										Prepared: 01/10/2025 Analyzed: 01/13/2025
Carbazole	0.480	0.0857	mg/kg dry	0.857	ND	56.0	10-167				
Chrysene	0.487	0.0857	"	0.857	ND	56.9	10-156				
Dibenzo(a,h)anthracene	0.516	0.0857	"	0.857	ND	60.2	10-137				
Dibenzofuran	0.435	0.0857	"	0.857	ND	50.8	10-147				
Diethyl phthalate	0.473	0.0857	"	0.857	ND	55.2	20-120				
Dimethyl phthalate	0.436	0.0857	"	0.857	ND	50.9	18-131				
Di-n-butyl phthalate	0.583	0.0857	"	0.857	ND	68.1	10-137				
Di-n-octyl phthalate	0.650	0.0857	"	0.857	ND	75.8	10-180				
Fluoranthene	0.439	0.0857	"	0.857	ND	51.2	10-160				
Fluorene	0.437	0.0857	"	0.857	ND	51.0	10-157				
Hexachlorobenzene	0.568	0.0857	"	0.857	ND	66.3	10-137				
Hexachlorobutadiene	0.323	0.0857	"	0.857	ND	37.7	10-132				
Hexachlorocyclopentadiene	0.240	0.0857	"	0.857	ND	28.0	10-106				
Hexachloroethane	0.509	0.0857	"	0.857	ND	59.4	10-110				
Indeno(1,2,3-cd)pyrene	0.598	0.0857	"	0.857	ND	69.8	10-144				
Isophorone	0.376	0.0857	"	0.857	ND	43.9	10-132				
Naphthalene	0.498	0.0857	"	0.857	ND	58.2	10-141				
Nitrobenzene	0.377	0.0857	"	0.857	ND	44.0	10-131				
N-Nitrosodimethylamine	0.404	0.0857	"	0.857	ND	47.1	10-126				
N-nitroso-di-n-propylamine	0.376	0.0857	"	0.857	ND	43.9	10-125				
N-Nitrosodiphenylamine	0.607	0.0857	"	0.857	ND	70.9	10-177				
Pentachlorophenol	0.193	0.0857	"	0.857	ND	22.6	10-153				
Phenanthrene	0.490	0.0857	"	0.857	ND	57.2	10-148				
Phenol	0.466	0.0857	"	0.857	ND	54.4	10-126				
Pyrene	0.473	0.0857	"	0.857	ND	55.2	10-165				
Surrogate: SURR: 2-Fluorophenol	*0.909*		"	*1.71*		*53.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.760*		"	*1.71*		*44.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.324*		"	*0.857*		*37.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.391*		"	*0.857*		*45.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.871*		"	*1.71*		*50.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.399*		"	*0.857*		*46.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50567 - EPA 3550C											
Matrix Spike Dup (BA50567-MSD1)	*Source sample: 25A0380-16 (SB005 (6- 8FT))								Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,1-Biphenyl	0.588	0.0857	mg/kg dry	0.857	ND	68.6	10-130		25.0	30	
1,2,4,5-Tetrachlorobenzene	0.404	0.171	"	0.857	ND	47.1	10-133		3.01	30	
1,2,4-Trichlorobenzene	0.348	0.0857	"	0.857	ND	40.6	10-127		12.8	30	
1,2-Dichlorobenzene	0.555	0.0857	"	0.857	ND	64.8	14-111		18.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.606	0.0857	"	0.857	ND	70.7	10-144		9.23	30	
1,3-Dichlorobenzene	0.511	0.0857	"	0.857	ND	59.7	11-111		14.5	30	
1,4-Dichlorobenzene	0.510	0.0857	"	0.857	ND	59.5	10-106		17.2	30	
2,3,4,6-Tetrachlorophenol	0.611	0.171	"	0.857	ND	71.3	30-130		2.66	30	
2,4,5-Trichlorophenol	0.422	0.0857	"	0.857	ND	49.3	10-127		5.33	30	
2,4,6-Trichlorophenol	0.408	0.0857	"	0.857	ND	47.7	10-132		15.6	30	
2,4-Dichlorophenol	0.385	0.0857	"	0.857	ND	45.0	10-128		4.55	30	
2,4-Dimethylphenol	0.442	0.0857	"	0.857	ND	51.6	10-137		2.04	30	
2,4-Dinitrophenol	0.341	0.171	"	0.857	ND	39.8	10-171		5.79	30	
2,4-Dinitrotoluene	0.496	0.0857	"	0.857	ND	57.8	16-135		6.57	30	
2,6-Dinitrotoluene	0.503	0.0857	"	0.857	ND	58.7	18-131		19.3	30	
2-Chloronaphthalene	0.473	0.0857	"	0.857	ND	55.2	10-129		11.8	30	
2-Chlorophenol	0.610	0.0857	"	0.857	ND	71.2	15-116		11.4	30	
2-Methylnaphthalene	0.443	0.0857	"	0.857	ND	51.8	10-147		2.66	30	
2-Methylphenol	0.480	0.0857	"	0.857	ND	56.0	10-136		5.28	30	
2-Nitroaniline	0.682	0.171	"	0.857	ND	79.6	10-137		32.6	30	Non-dir.
2-Nitrophenol	0.437	0.0857	"	0.857	ND	51.0	10-129		3.39	30	
3- & 4-Methylphenols	0.412	0.0857	"	0.857	ND	48.1	10-123		11.4	30	
3,3-Dichlorobenzidine	0.670	0.0857	"	0.857	ND	78.2	10-155		3.12	30	
3-Nitroaniline	0.682	0.171	"	0.857	ND	79.6	12-133		32.6	30	Non-dir.
4,6-Dinitro-2-methylphenol	0.461	0.171	"	0.857	ND	53.8	10-155		9.98	30	
4-Bromophenyl phenyl ether	0.446	0.0857	"	0.857	ND	52.1	14-128		0.765	30	
4-Chloro-3-methylphenol	0.427	0.0857	"	0.857	ND	49.8	10-134		3.93	30	
4-Chloroaniline	0.320	0.0857	"	0.857	ND	37.4	10-145		4.38	30	
4-Chlorophenyl phenyl ether	0.381	0.0857	"	0.857	ND	44.5	14-130		11.8	30	
4-Nitroaniline	0.443	0.171	"	0.857	ND	51.7	10-147		5.86	30	
4-Nitrophenol	0.456	0.171	"	0.857	ND	53.3	10-137		11.4	30	
Acenaphthene	0.487	0.0857	"	0.857	ND	56.8	10-146		3.00	30	
Acenaphthylene	0.537	0.0857	"	0.857	ND	62.7	10-134		10.9	30	
Acetophenone	0.502	0.0857	"	0.857	ND	58.6	10-116		22.0	30	
Aniline	0.339	0.343	"	0.857	ND	39.6	10-123		18.8	30	
Anthracene	0.493	0.0857	"	0.857	ND	57.5	10-142		7.06	30	
Atrazine	0.499	0.0857	"	0.857	ND	58.2	19-115		8.00	30	
Benzaldehyde	0.523	0.0857	"	0.857	ND	61.0	10-125		19.4	30	
Benzo(a)anthracene	0.520	0.0857	"	0.857	ND	60.7	10-158		2.54	30	
Benzo(a)pyrene	0.526	0.0857	"	0.857	ND	61.4	10-180		5.21	30	
Benzo(b)fluoranthene	0.522	0.0857	"	0.857	ND	60.9	10-200		5.81	30	
Benzo(g,h,i)perylene	0.547	0.0857	"	0.857	ND	63.8	10-138		1.37	30	
Benzo(k)fluoranthene	0.502	0.0857	"	0.857	ND	58.6	10-197		4.46	30	
Benzoic acid	0.177	0.0857	"	1.71	ND	10.3	10-166		21.9	30	
Benzyl alcohol	0.433	0.0857	"	0.857	ND	50.6	12-124		6.20	30	
Benzyl butyl phthalate	0.639	0.0857	"	0.857	ND	74.6	10-154		4.27	30	
Bis(2-chloroethoxy)methane	0.452	0.0857	"	0.857	ND	52.7	10-132		11.2	30	
Bis(2-chloroethyl)ether	0.439	0.0857	"	0.857	ND	51.2	10-119		13.0	30	
Bis(2-chloroisopropyl)ether	0.487	0.0857	"	0.857	ND	56.8	10-139		5.50	30	
Bis(2-ethylhexyl)phthalate	0.675	0.0857	"	0.857	ND	78.8	10-167		4.57	30	
Caprolactam	0.536	0.171	"	0.857	ND	62.6	10-132		0.899	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50567 - EPA 3550C											
Matrix Spike Dup (BA50567-MSD1)	*Source sample: 25A0380-16 (SB005 (6- 8FT))								Prepared: 01/10/2025 Analyzed: 01/13/2025		
Carbazole	0.513	0.0857	mg/kg dry	0.857	ND	59.9	10-167		6.76	30	
Chrysene	0.480	0.0857	"	0.857	ND	56.1	10-156		1.42	30	
Dibenzo(a,h)anthracene	0.544	0.0857	"	0.857	ND	63.5	10-137		5.30	30	
Dibenzofuran	0.454	0.0857	"	0.857	ND	53.0	10-147		4.16	30	
Diethyl phthalate	0.543	0.0857	"	0.857	ND	63.4	20-120		13.8	30	
Dimethyl phthalate	0.473	0.0857	"	0.857	ND	55.2	18-131		8.14	30	
Di-n-butyl phthalate	0.639	0.0857	"	0.857	ND	74.6	10-137		9.09	30	
Di-n-octyl phthalate	0.690	0.0857	"	0.857	ND	80.6	10-180		6.04	30	
Fluoranthene	0.463	0.0857	"	0.857	ND	54.0	10-160		5.32	30	
Fluorene	0.492	0.0857	"	0.857	ND	57.4	10-157		12.0	30	
Hexachlorobenzene	0.596	0.0857	"	0.857	ND	69.6	10-137		4.83	30	
Hexachlorobutadiene	0.293	0.0857	"	0.857	ND	34.2	10-132		9.57	30	
Hexachlorocyclopentadiene	0.239	0.0857	"	0.857	ND	27.9	10-106		0.286	30	
Hexachloroethane	0.596	0.0857	"	0.857	ND	69.5	10-110		15.8	30	
Indeno(1,2,3-cd)pyrene	0.605	0.0857	"	0.857	ND	70.6	10-144		1.14	30	
Isophorone	0.385	0.0857	"	0.857	ND	45.0	10-132		2.34	30	
Naphthalene	0.496	0.0857	"	0.857	ND	57.9	10-141		0.414	30	
Nitrobenzene	0.387	0.0857	"	0.857	ND	45.1	10-131		2.51	30	
N-Nitrosodimethylamine	0.423	0.0857	"	0.857	ND	49.4	10-126		4.64	30	
N-nitroso-di-n-propylamine	0.403	0.0857	"	0.857	ND	47.0	10-125		6.86	30	
N-Nitrosodiphenylamine	0.648	0.0857	"	0.857	ND	75.7	10-177		6.55	30	
Pentachlorophenol	0.248	0.0857	"	0.857	ND	29.0	10-153		24.8	30	
Phenanthrene	0.533	0.0857	"	0.857	ND	62.2	10-148		8.44	30	
Phenol	0.531	0.0857	"	0.857	ND	62.0	10-126		13.1	30	
Pyrene	0.499	0.0857	"	0.857	ND	58.2	10-165		5.36	30	
Surrogate: SURR: 2-Fluorophenol	*0.915*		"	*1.71*		*53.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.878*		"	*1.71*		*51.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.376*		"	*0.857*		*43.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.421*		"	*0.857*		*49.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.02*		"	*1.71*		*59.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.411*		"	*0.857*		*48.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
Blank (BA50641-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared: 01/12/2025 Analyzed: 01/13/2025

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
Blank (BA50641-BLK1)											Prepared: 01/12/2025 Analyzed: 01/13/2025
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.66*		*87.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.33*		"	*1.66*		*80.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.702*		"	*0.831*		*84.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.624*		"	*0.831*		*75.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.69*		"	*1.66*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.643*		"	*0.831*		*77.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
LCS (BA50641-BS1)									Prepared: 01/12/2025 Analyzed: 01/13/2025		
1,1-Biphenyl	0.606	0.0416	mg/kg wet	0.831		72.9	18-111				
1,2,4,5-Tetrachlorobenzene	0.588	0.0830	"	0.831		70.8	21-131				
1,2,4-Trichlorobenzene	0.623	0.0416	"	0.831		75.0	10-140				
1,2-Dichlorobenzene	0.569	0.0416	"	0.831		68.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.659	0.0416	"	0.831		79.3	17-137				
1,3-Dichlorobenzene	0.567	0.0416	"	0.831		68.2	33-110				
1,4-Dichlorobenzene	0.569	0.0416	"	0.831		68.5	32-104				
2,3,4,6-Tetrachlorophenol	0.763	0.0830	"	0.831		91.9	30-130				
2,4,5-Trichlorophenol	0.706	0.0416	"	0.831		85.0	27-118				
2,4,6-Trichlorophenol	0.685	0.0416	"	0.831		82.4	31-120				
2,4-Dichlorophenol	0.701	0.0416	"	0.831		84.4	20-127				
2,4-Dimethylphenol	0.631	0.0416	"	0.831		76.0	14-132				
2,4-Dinitrophenol	0.382	0.0830	"	0.831		46.0	10-171				
2,4-Dinitrotoluene	0.686	0.0416	"	0.831		82.6	34-131				
2,6-Dinitrotoluene	0.678	0.0416	"	0.831		81.6	31-128				
2-Chloronaphthalene	0.581	0.0416	"	0.831		70.0	31-117				
2-Chlorophenol	0.639	0.0416	"	0.831		76.9	33-113				
2-Methylnaphthalene	0.577	0.0416	"	0.831		69.5	12-138				
2-Methylphenol	0.621	0.0416	"	0.831		74.7	10-136				
2-Nitroaniline	0.689	0.0830	"	0.831		83.0	27-132				
2-Nitrophenol	0.723	0.0416	"	0.831		87.0	17-129				
3- & 4-Methylphenols	0.561	0.0416	"	0.831		67.6	29-103				
3,3-Dichlorobenzidine	0.596	0.0416	"	0.831		71.8	22-149				
3-Nitroaniline	0.543	0.0830	"	0.831		65.4	20-133				
4,6-Dinitro-2-methylphenol	0.425	0.0830	"	0.831		51.2	10-143				
4-Bromophenyl phenyl ether	0.640	0.0416	"	0.831		77.0	29-120				
4-Chloro-3-methylphenol	0.687	0.0416	"	0.831		82.7	24-129				
4-Chloroaniline	0.363	0.0416	"	0.831		43.8	10-132				
4-Chlorophenyl phenyl ether	0.596	0.0416	"	0.831		71.7	27-124				
4-Nitroaniline	0.618	0.0830	"	0.831		74.4	16-128				
4-Nitrophenol	0.706	0.0830	"	0.831		85.0	10-141				
Acenaphthene	0.562	0.0416	"	0.831		67.7	30-121				
Acenaphthylene	0.612	0.0416	"	0.831		73.7	30-115				
Acetophenone	0.580	0.0416	"	0.831		69.8	20-112				
Aniline	0.510	0.166	"	0.831		61.4	10-119				
Anthracene	0.610	0.0416	"	0.831		73.5	34-118				
Atrazine	0.647	0.0416	"	0.831		77.8	26-112				
Benzaldehyde	0.607	0.0416	"	0.831		73.1	21-100				
Benzo(a)anthracene	0.629	0.0416	"	0.831		75.7	32-122				
Benzo(a)pyrene	0.630	0.0416	"	0.831		75.8	29-133				
Benzo(b)fluoranthene	0.642	0.0416	"	0.831		77.3	25-133				
Benzo(g,h,i)perylene	0.628	0.0416	"	0.831		75.6	10-143				
Benzo(k)fluoranthene	0.632	0.0416	"	0.831		76.1	25-128				
Benzoic acid	0.947	0.0416	"	0.831		114	10-140				
Benzyl alcohol	0.589	0.0416	"	0.831		70.9	30-115				
Benzyl butyl phthalate	0.609	0.0416	"	0.831		73.3	26-126				
Bis(2-chloroethoxy)methane	0.623	0.0416	"	0.831		75.0	19-132				
Bis(2-chloroethyl)ether	0.571	0.0416	"	0.831		68.8	19-125				
Bis(2-chloroisopropyl)ether	0.563	0.0416	"	0.831		67.8	20-135				
Bis(2-ethylhexyl)phthalate	0.611	0.0416	"	0.831		73.6	10-155				
Caprolactam	0.774	0.0830	"	0.831		93.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
LCS (BA50641-BS1)									Prepared: 01/12/2025 Analyzed: 01/13/2025		
Carbazole	0.597	0.0416	mg/kg wet	0.831		71.8	35-123				
Chrysene	0.619	0.0416	"	0.831		74.6	32-123				
Dibenzo(a,h)anthracene	0.633	0.0416	"	0.831		76.2	10-136				
Dibenzofuran	0.587	0.0416	"	0.831		70.7	29-121				
Diethyl phthalate	0.612	0.0416	"	0.831		73.7	34-116				
Dimethyl phthalate	0.599	0.0416	"	0.831		72.2	35-124				
Di-n-butyl phthalate	0.646	0.0416	"	0.831		77.7	31-116				
Di-n-octyl phthalate	0.637	0.0416	"	0.831		76.7	26-136				
Fluoranthene	0.566	0.0416	"	0.831		68.2	33-122				
Fluorene	0.600	0.0416	"	0.831		72.2	29-123				
Hexachlorobenzene	0.610	0.0416	"	0.831		73.4	21-124				
Hexachlorobutadiene	0.594	0.0416	"	0.831		71.6	10-149				
Hexachlorocyclopentadiene	0.225	0.0416	"	0.831		27.1	10-129				
Hexachloroethane	0.523	0.0416	"	0.831		63.0	28-108				
Indeno(1,2,3-cd)pyrene	0.773	0.0416	"	0.831		93.1	10-135				
Isophorone	0.624	0.0416	"	0.831		75.1	20-132				
Naphthalene	0.613	0.0416	"	0.831		73.8	23-124				
Nitrobenzene	0.644	0.0416	"	0.831		77.5	13-132				
N-Nitrosodimethylamine	0.571	0.0416	"	0.831		68.7	11-129				
N-nitroso-di-n-propylamine	0.546	0.0416	"	0.831		65.8	24-119				
N-Nitrosodiphenylamine	0.736	0.0416	"	0.831		88.6	22-152				
Pentachlorophenol	0.618	0.0416	"	0.831		74.4	10-139				
Phenanthrene	0.622	0.0416	"	0.831		74.8	33-123				
Phenol	0.640	0.0416	"	0.831		77.0	23-115				
Pyrene	0.614	0.0416	"	0.831		74.0	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.29*		"	*1.66*		*77.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.22*		"	*1.66*		*73.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.625*		"	*0.831*		*75.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.563*		"	*0.831*		*67.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.65*		"	*1.66*		*99.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.593*		"	*0.831*		*71.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
Matrix Spike (BA50641-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/12/2025 Analyzed: 01/13/2025		
1,1-Biphenyl	0.590	0.0863	mg/kg dry	0.862	ND	68.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.575	0.172	"	0.862	ND	66.7	10-133				
1,2,4-Trichlorobenzene	0.604	0.0863	"	0.862	ND	70.0	10-127				
1,2-Dichlorobenzene	0.554	0.0863	"	0.862	ND	64.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.587	0.0863	"	0.862	ND	68.1	10-144				
1,3-Dichlorobenzene	0.541	0.0863	"	0.862	ND	62.7	11-111				
1,4-Dichlorobenzene	0.554	0.0863	"	0.862	ND	64.2	10-106				
2,3,4,6-Tetrachlorophenol	0.740	0.172	"	0.862	ND	85.8	30-130				
2,4,5-Trichlorophenol	0.646	0.0863	"	0.862	ND	74.9	10-127				
2,4,6-Trichlorophenol	0.648	0.0863	"	0.862	ND	75.2	10-132				
2,4-Dichlorophenol	0.679	0.0863	"	0.862	ND	78.8	10-128				
2,4-Dimethylphenol	0.619	0.0863	"	0.862	ND	71.8	10-137				
2,4-Dinitrophenol	0.170	0.172	"	0.862	ND	19.7	10-171				
2,4-Dinitrotoluene	0.604	0.0863	"	0.862	ND	70.0	16-135				
2,6-Dinitrotoluene	0.646	0.0863	"	0.862	ND	75.0	18-131				
2-Chloronaphthalene	0.568	0.0863	"	0.862	ND	65.9	10-129				
2-Chlorophenol	0.628	0.0863	"	0.862	ND	72.8	15-116				
2-Methylnaphthalene	0.557	0.0863	"	0.862	ND	64.6	10-147				
2-Methylphenol	0.612	0.0863	"	0.862	ND	71.0	10-136				
2-Nitroaniline	0.681	0.172	"	0.862	ND	79.0	10-137				
2-Nitrophenol	0.688	0.0863	"	0.862	ND	79.8	10-129				
3- & 4-Methylphenols	0.549	0.0863	"	0.862	ND	63.7	10-123				
3,3-Dichlorobenzidine	0.340	0.0863	"	0.862	ND	39.4	10-155				
3-Nitroaniline	0.535	0.172	"	0.862	ND	62.1	12-133				
4,6-Dinitro-2-methylphenol	0.212	0.172	"	0.862	ND	24.6	10-155				
4-Bromophenyl phenyl ether	0.566	0.0863	"	0.862	ND	65.6	14-128				
4-Chloro-3-methylphenol	0.659	0.0863	"	0.862	ND	76.5	10-134				
4-Chloroaniline	0.367	0.0863	"	0.862	ND	42.6	10-145				
4-Chlorophenyl phenyl ether	0.565	0.0863	"	0.862	ND	65.5	14-130				
4-Nitroaniline	0.519	0.172	"	0.862	ND	60.2	10-147				
4-Nitrophenol	0.648	0.172	"	0.862	ND	75.2	10-137				
Acenaphthene	0.559	0.0863	"	0.862	ND	64.8	10-146				
Acenaphthylene	0.579	0.0863	"	0.862	ND	67.2	10-134				
Acetophenone	0.570	0.0863	"	0.862	ND	66.2	10-116				
Aniline	0.484	0.346	"	0.862	ND	56.2	10-123				
Anthracene	0.584	0.0863	"	0.862	ND	67.8	10-142				
Atrazine	0.589	0.0863	"	0.862	ND	68.3	19-115				
Benzaldehyde	0.587	0.0863	"	0.862	ND	68.1	10-125				
Benzo(a)anthracene	0.622	0.0863	"	0.862	0.0545	65.8	10-158				
Benzo(a)pyrene	0.595	0.0863	"	0.862	ND	69.0	10-180				
Benzo(b)fluoranthene	0.637	0.0863	"	0.862	0.0456	68.6	10-200				
Benzo(g,h,i)perylene	0.572	0.0863	"	0.862	ND	66.4	10-138				
Benzo(k)fluoranthene	0.571	0.0863	"	0.862	ND	66.2	10-197				
Benzoic acid	0.288	0.0863	"	0.862	ND	33.4	10-166				
Benzyl alcohol	0.588	0.0863	"	0.862	ND	68.2	12-124				
Benzyl butyl phthalate	0.578	0.0863	"	0.862	ND	67.0	10-154				
Bis(2-chloroethoxy)methane	0.590	0.0863	"	0.862	ND	68.4	10-132				
Bis(2-chloroethyl)ether	0.568	0.0863	"	0.862	ND	65.9	10-119				
Bis(2-chloroisopropyl)ether	0.557	0.0863	"	0.862	ND	64.6	10-139				
Bis(2-ethylhexyl)phthalate	0.580	0.0863	"	0.862	ND	67.3	10-167				
Caprolactam	0.675	0.172	"	0.862	ND	78.3	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
Matrix Spike (BA50641-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/12/2025 Analyzed: 01/13/2025		
Carbazole	0.562	0.0863	mg/kg dry	0.862	ND	65.2	10-167				
Chrysene	0.600	0.0863	"	0.862	0.0490	63.9	10-156				
Dibenzo(a,h)anthracene	0.560	0.0863	"	0.862	ND	65.0	10-137				
Dibenzofuran	0.575	0.0863	"	0.862	ND	66.6	10-147				
Diethyl phthalate	0.569	0.0863	"	0.862	ND	66.0	20-120				
Dimethyl phthalate	0.569	0.0863	"	0.862	ND	66.0	18-131				
Di-n-butyl phthalate	0.580	0.0863	"	0.862	ND	67.3	10-137				
Di-n-octyl phthalate	0.612	0.0863	"	0.862	ND	71.0	10-180				
Fluoranthene	0.632	0.0863	"	0.862	0.103	61.4	10-160				
Fluorene	0.561	0.0863	"	0.862	ND	65.1	10-157				
Hexachlorobenzene	0.577	0.0863	"	0.862	ND	66.9	10-137				
Hexachlorobutadiene	0.570	0.0863	"	0.862	ND	66.2	10-132				
Hexachlorocyclopentadiene	0.117	0.0863	"	0.862	ND	13.6	10-106				
Hexachloroethane	0.465	0.0863	"	0.862	ND	53.9	10-110				
Indeno(1,2,3-cd)pyrene	0.702	0.0863	"	0.862	ND	81.4	10-144				
Isophorone	0.586	0.0863	"	0.862	ND	67.9	10-132				
Naphthalene	0.603	0.0863	"	0.862	ND	69.9	10-141				
Nitrobenzene	0.606	0.0863	"	0.862	ND	70.2	10-131				
N-Nitrosodimethylamine	0.545	0.0863	"	0.862	ND	63.2	10-126				
N-nitroso-di-n-propylamine	0.548	0.0863	"	0.862	ND	63.6	10-125				
N-Nitrosodiphenylamine	0.644	0.0863	"	0.862	ND	74.6	10-177				
Pentachlorophenol	0.704	0.0863	"	0.862	ND	81.6	10-153				
Phenanthrene	0.599	0.0863	"	0.862	0.0456	64.2	10-148				
Phenol	0.640	0.0863	"	0.862	ND	74.2	10-126				
Pyrene	0.605	0.0863	"	0.862	0.0817	60.7	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.22*		"	*1.72*		*70.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.19*		"	*1.72*		*69.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.597*		"	*0.862*		*69.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.548*		"	*0.862*		*63.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.45*		"	*1.72*		*83.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.524*		"	*0.862*		*60.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
Matrix Spike Dup (BA50641-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/12/2025 Analyzed: 01/13/2025		
1,1-Biphenyl	0.559	0.0863	mg/kg dry	0.862	ND	64.8	10-130		5.41	30	
1,2,4,5-Tetrachlorobenzene	0.535	0.172	"	0.862	ND	62.1	10-133		7.20	30	
1,2,4-Trichlorobenzene	0.576	0.0863	"	0.862	ND	66.8	10-127		4.68	30	
1,2-Dichlorobenzene	0.525	0.0863	"	0.862	ND	60.9	14-111		5.37	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.550	0.0863	"	0.862	ND	63.8	10-144		6.55	30	
1,3-Dichlorobenzene	0.512	0.0863	"	0.862	ND	59.4	11-111		5.50	30	
1,4-Dichlorobenzene	0.537	0.0863	"	0.862	ND	62.2	10-106		3.16	30	
2,3,4,6-Tetrachlorophenol	0.670	0.172	"	0.862	ND	77.7	30-130		9.98	30	
2,4,5-Trichlorophenol	0.634	0.0863	"	0.862	ND	73.5	10-127		1.83	30	
2,4,6-Trichlorophenol	0.613	0.0863	"	0.862	ND	71.1	10-132		5.58	30	
2,4-Dichlorophenol	0.650	0.0863	"	0.862	ND	75.4	10-128		4.36	30	
2,4-Dimethylphenol	0.588	0.0863	"	0.862	ND	68.2	10-137		5.03	30	
2,4-Dinitrophenol	0.103	0.172	"	0.862	ND	11.9	10-171		49.1	30	Non-dir.
2,4-Dinitrotoluene	0.566	0.0863	"	0.862	ND	65.7	16-135		6.37	30	
2,6-Dinitrotoluene	0.604	0.0863	"	0.862	ND	70.0	18-131		6.84	30	
2-Chloronaphthalene	0.532	0.0863	"	0.862	ND	61.8	10-129		6.52	30	
2-Chlorophenol	0.581	0.0863	"	0.862	ND	67.4	15-116		7.76	30	
2-Methylnaphthalene	0.528	0.0863	"	0.862	ND	61.3	10-147		5.34	30	
2-Methylphenol	0.582	0.0863	"	0.862	ND	67.5	10-136		5.08	30	
2-Nitroaniline	0.655	0.172	"	0.862	ND	75.9	10-137		3.93	30	
2-Nitrophenol	0.599	0.0863	"	0.862	ND	69.5	10-129		13.8	30	
3- & 4-Methylphenols	0.512	0.0863	"	0.862	ND	59.4	10-123		6.89	30	
3,3-Dichlorobenzidine	0.382	0.0863	"	0.862	ND	44.3	10-155		11.7	30	
3-Nitroaniline	0.535	0.172	"	0.862	ND	62.1	12-133		0.00	30	
4,6-Dinitro-2-methylphenol	0.121	0.172	"	0.862	ND	14.0	10-155		55.1	30	Non-dir.
4-Bromophenyl phenyl ether	0.544	0.0863	"	0.862	ND	63.1	14-128		3.85	30	
4-Chloro-3-methylphenol	0.624	0.0863	"	0.862	ND	72.4	10-134		5.48	30	
4-Chloroaniline	0.338	0.0863	"	0.862	ND	39.2	10-145		8.22	30	
4-Chlorophenyl phenyl ether	0.540	0.0863	"	0.862	ND	62.6	14-130		4.49	30	
4-Nitroaniline	0.555	0.172	"	0.862	ND	64.4	10-147		6.81	30	
4-Nitrophenol	0.620	0.172	"	0.862	ND	71.9	10-137		4.46	30	
Acenaphthene	0.527	0.0863	"	0.862	ND	61.1	10-146		5.84	30	
Acenaphthylene	0.548	0.0863	"	0.862	ND	63.6	10-134		5.50	30	
Acetophenone	0.538	0.0863	"	0.862	ND	62.4	10-116		5.85	30	
Aniline	0.446	0.346	"	0.862	ND	51.8	10-123		8.15	30	
Anthracene	0.553	0.0863	"	0.862	ND	64.2	10-142		5.46	30	
Atrazine	0.555	0.0863	"	0.862	ND	64.3	19-115		6.03	30	
Benzaldehyde	0.539	0.0863	"	0.862	ND	62.6	10-125		8.45	30	
Benzo(a)anthracene	0.575	0.0863	"	0.862	0.0545	60.3	10-158		7.95	30	
Benzo(a)pyrene	0.552	0.0863	"	0.862	ND	64.0	10-180		7.58	30	
Benzo(b)fluoranthene	0.581	0.0863	"	0.862	0.0456	62.1	10-200		9.29	30	
Benzo(g,h,i)perylene	0.486	0.0863	"	0.862	ND	56.4	10-138		16.3	30	
Benzo(k)fluoranthene	0.532	0.0863	"	0.862	ND	61.8	10-197		7.00	30	
Benzoic acid	0.390	0.0863	"	0.862	ND	45.3	10-166		30.3	30	Non-dir.
Benzyl alcohol	0.548	0.0863	"	0.862	ND	63.5	12-124		7.05	30	
Benzyl butyl phthalate	0.548	0.0863	"	0.862	ND	63.6	10-154		5.27	30	
Bis(2-chloroethoxy)methane	0.550	0.0863	"	0.862	ND	63.8	10-132		6.90	30	
Bis(2-chloroethyl)ether	0.539	0.0863	"	0.862	ND	62.5	10-119		5.36	30	
Bis(2-chloroisopropyl)ether	0.526	0.0863	"	0.862	ND	61.0	10-139		5.73	30	
Bis(2-ethylhexyl)phthalate	0.550	0.0863	"	0.862	ND	63.8	10-167		5.25	30	
Caprolactam	0.672	0.172	"	0.862	ND	78.0	10-132		0.409	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50641 - EPA 3550C											
Matrix Spike Dup (BA50641-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/12/2025 Analyzed: 01/13/2025		
Carbazole	0.537	0.0863	mg/kg dry	0.862	ND	62.2	10-167		4.65	30	
Chrysene	0.550	0.0863	"	0.862	0.0490	58.1	10-156		8.76	30	
Dibenzo(a,h)anthracene	0.503	0.0863	"	0.862	ND	58.3	10-137		10.8	30	
Dibenzofuran	0.545	0.0863	"	0.862	ND	63.2	10-147		5.30	30	
Diethyl phthalate	0.533	0.0863	"	0.862	ND	61.8	20-120		6.51	30	
Dimethyl phthalate	0.530	0.0863	"	0.862	ND	61.5	18-131		7.03	30	
Di-n-butyl phthalate	0.555	0.0863	"	0.862	ND	64.4	10-137		4.37	30	
Di-n-octyl phthalate	0.589	0.0863	"	0.862	ND	68.3	10-180		3.79	30	
Fluoranthene	0.575	0.0863	"	0.862	0.103	54.6	10-160		9.60	30	
Fluorene	0.545	0.0863	"	0.862	ND	63.2	10-157		2.99	30	
Hexachlorobenzene	0.554	0.0863	"	0.862	ND	64.2	10-137		4.03	30	
Hexachlorobutadiene	0.555	0.0863	"	0.862	ND	64.4	10-132		2.70	30	
Hexachlorocyclopentadiene	0.101	0.0863	"	0.862	ND	11.7	10-106		15.2	30	
Hexachloroethane	0.441	0.0863	"	0.862	ND	51.2	10-110		5.18	30	
Indeno(1,2,3-cd)pyrene	0.624	0.0863	"	0.862	ND	72.3	10-144		11.9	30	
Isophorone	0.552	0.0863	"	0.862	ND	64.0	10-132		5.94	30	
Naphthalene	0.568	0.0863	"	0.862	ND	65.9	10-141		5.89	30	
Nitrobenzene	0.574	0.0863	"	0.862	ND	66.6	10-131		5.38	30	
N-Nitrosodimethylamine	0.510	0.0863	"	0.862	ND	59.2	10-126		6.54	30	
N-nitroso-di-n-propylamine	0.510	0.0863	"	0.862	ND	59.1	10-125		7.30	30	
N-Nitrosodiphenylamine	0.621	0.0863	"	0.862	ND	72.1	10-177		3.49	30	
Pentachlorophenol	0.557	0.0863	"	0.862	ND	64.6	10-153		23.2	30	
Phenanthrene	0.566	0.0863	"	0.862	0.0456	60.4	10-148		5.57	30	
Phenol	0.607	0.0863	"	0.862	ND	70.4	10-126		5.31	30	
Pyrene	0.548	0.0863	"	0.862	0.0817	54.0	10-165		9.93	30	
Surrogate: SURR: 2-Fluorophenol	*1.18*		"	*1.72*		*68.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.11*		"	*1.72*		*64.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.572*		"	*0.862*		*66.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.511*		"	*0.862*		*59.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.33*		"	*1.72*		*77.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.508*		"	*0.862*		*58.9*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50476 - EPA 3550C											
Blank (BA50476-BLK1)										Prepared: 01/09/2025 Analyzed: 01/10/2025	
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*495*		*"*	*495*		*100*	*39-127.5*				
LCS (BA50476-BS1)										Prepared: 01/09/2025 Analyzed: 01/10/2025	
1,4-Dioxane	533	19.8	ug/kg	495		108	40-130				
Surrogate: 1,4-Dioxane-d8	*465*		*"*	*495*		*94.0*	*39-127.5*				
Batch BA50568 - EPA 3550C											
Blank (BA50568-BLK1)										Prepared: 01/10/2025 Analyzed: 01/13/2025	
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*584*		*"*	*495*		*118*	*39-127.5*				
LCS (BA50568-BS1)										Prepared: 01/10/2025 Analyzed: 01/13/2025	
1,4-Dioxane	531	19.8	ug/kg	495		107	40-130				
Surrogate: 1,4-Dioxane-d8	*545*		*"*	*495*		*110*	*39-127.5*				
Matrix Spike (BA50568-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))									Prepared: 01/10/2025 Analyzed: 01/13/2025	
1,4-Dioxane	521	19.8	ug/kg	495	ND	105	40-130				
Surrogate: 1,4-Dioxane-d8	*376*		*"*	*495*		*76.0*	*40-130*				
Matrix Spike Dup (BA50568-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))									Prepared: 01/10/2025 Analyzed: 01/13/2025	
1,4-Dioxane	532	19.8	ug/kg	495	ND	107	40-130		2.07	30	
Surrogate: 1,4-Dioxane-d8	*406*		*"*	*495*		*82.0*	*40-130*				
Batch BA50761 - EPA 3535A											
Blank (BA50761-BLK1)										Prepared & Analyzed: 01/14/2025	
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50761 - EPA 3535A											
LCS (BA50761-BS1)								Prepared & Analyzed: 01/14/2025			
1,4-Dioxane	4.21	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.04*		*"*	*4.00*		*76.0*	*36.6-118*				
Matrix Spike (BA50761-MS1)	*Source sample: 25A0380-17 (Field Blank 1/7/25)							Prepared & Analyzed: 01/14/2025			
1,4-Dioxane	4.21	0.300	ug/L	4.00	ND	105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.20*		*"*	*4.00*		*80.0*	*50-130*				
Matrix Spike Dup (BA50761-MSD1)	*Source sample: 25A0380-17 (Field Blank 1/7/25)							Prepared & Analyzed: 01/14/2025			
1,4-Dioxane	4.16	0.300	ug/L	4.00	ND	104	50-130		1.15	30	
Surrogate: 1,4-Dioxane-d8	*4.00*		*"*	*4.00*		*100*	*50-130*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
Blank (BA50519-BLK1)											Prepared: 01/10/2025 Analyzed: 01/13/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.757	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.765	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.797	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.747	"								
HFPO-DA (Gen-X)	ND	0.797	"								
11CL-PF3OUdS	ND	0.753	"								
9CL-PF3ONS	ND	0.745	"								
ADONA	ND	0.753	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.98	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.98	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.64*		"	*2.32*		*114*	*25-150*				
Surrogate: M5PFHxA	*2.67*		"	*2.49*		*107*	*25-150*				
Surrogate: M4PFHpA	*2.40*		"	*2.49*		*96.5*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.36*		*98.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.47*		"	*2.49*		*99.3*	*25-150*				
Surrogate: M6PFDA	*1.04*		"	*1.25*		*83.9*	*25-150*				
Surrogate: M7PFUdA	*0.882*		"	*1.25*		*70.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
Blank (BA50519-BLK1)								Prepared: 01/10/2025 Analyzed: 01/13/2025			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.730*		*ug/kg wet*	*1.25*		*58.6*	*25-150*				
Surrogate: M2PFTeDA	*0.567*		*"*	*1.25*		*45.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.282*		*"*	*9.96*		*2.84*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.91*		*"*	*2.39*		*80.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.46*		*"*	*4.98*		*29.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.76*		*"*	*2.49*		*70.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.34*		*"*	*4.98*		*67.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.96*		*"*	*4.98*		*79.5*	*25-150*				
Surrogate: M2-6:2 FTS	*4.23*		*"*	*4.74*		*89.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.66*		*"*	*4.78*		*76.5*	*25-200*				
Surrogate: M9PFNA	*1.18*		*"*	*1.25*		*94.6*	*25-150*				
Surrogate: M2-4:2 FTS	*5.10*		*"*	*4.67*		*109*	*25-150*				
Surrogate: d-N-MeFOSA	*0.658*		*"*	*2.49*		*26.4*	*25-150*				
Surrogate: d-N-EtFOSA	*0.817*		*"*	*2.49*		*32.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.2*		*"*	*9.96*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*11.3*		*"*	*24.9*		*45.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.1*		*"*	*24.9*		*44.7*	*25-150*				
LCS (BA50519-BS1)								Prepared: 01/10/2025 Analyzed: 01/13/2025			
Perfluorobutanesulfonic acid (PFBS)	3.35	0.176	ug/kg wet	3.52		95.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.63	0.199	"	3.98		91.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.94	0.199	"	3.98		99.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.65	0.182	"	3.64		100	50-150				
Perfluorooctanoic acid (PFOA)	2.98	0.199	"	3.98		74.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.22	0.185	"	3.70		87.0	50-150				
Perfluorononanoic acid (PFNA)	3.11	0.199	"	3.98		78.2	50-150				
Perfluorodecanoic acid (PFDA)	3.54	0.199	"	3.98		89.0	50-150				
Perfluoroundecanoic acid (PFUnA)	3.61	0.199	"	3.98		90.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.87	0.199	"	3.98		97.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.03	0.199	"	3.98		126	50-150				
Perfluorotetradecanoic acid (PFTA)	3.22	0.199	"	3.98		80.9	50-150				
N-MeFOSAA	4.03	0.199	"	3.98		101	50-150				
N-EtFOSAA	3.70	0.199	"	3.98		92.9	50-150				
Perfluoropentanoic acid (PFPeA)	7.37	0.398	"	7.95		92.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.33	0.199	"	3.98		83.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.42	0.199	"	3.80		90.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.56	0.192	"	3.84		92.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.6	0.755	"	15.1		83.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.9	0.763	"	15.3		90.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.2	0.795	"	15.9		83.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.46	0.354	"	7.08		91.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.97	0.398	"	7.95		87.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.920	0.398	"	7.95		11.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.9	0.398	"	7.95		149	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.01	0.187	"	3.74		107	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
LCS (BA50519-BS1)								Prepared: 01/10/2025 Analyzed: 01/13/2025			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.3	0.746	ug/kg wet	14.9		89.2	50-150				
HFPO-DA (Gen-X)	8.23	0.795	"	7.95		104	50-150				
11CL-PF3OUdS	4.80	0.751	"	7.51		63.9	50-150				
9CL-PF3ONS	5.18	0.744	"	7.44		69.7	50-150				
ADONA	7.04	0.751	"	7.51		93.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.15	0.193	"	3.86		81.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.63	0.191	"	3.82		95.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	9.24	0.994	"	15.9		58.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	67.5	4.97	"	79.5		84.9	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	58.9	4.97	"	79.5		74.0	50-150				
N-MeFOSE	39.5	1.99	"	39.8		99.4	50-150				
N-MeFOSA	4.02	0.199	"	3.98		101	50-150				
N-EtFOSE	38.0	1.99	"	39.8		95.6	50-150				
N-EtFOSA	3.47	0.199	"	3.98		87.3	50-150				
Surrogate: M3PFBS	*2.41*		"	*2.32*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.80*		"	*2.49*		*113*	*25-150*				
Surrogate: M4PFHpA	*2.65*		"	*2.49*		*107*	*25-150*				
Surrogate: M3PFHxS	*2.13*		"	*2.36*		*90.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.40*		"	*2.49*		*96.7*	*25-150*				
Surrogate: M6PFDA	*0.958*		"	*1.24*		*77.1*	*25-150*				
Surrogate: M7PFUdA	*0.903*		"	*1.24*		*72.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.826*		"	*1.24*		*66.5*	*25-150*				
Surrogate: M2PFTeDA	*0.642*		"	*1.24*		*51.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.565*		"	*9.94*		*5.68*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.74*		"	*2.38*		*73.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.50*		"	*4.97*		*50.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.77*		"	*2.49*		*71.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.44*		"	*4.97*		*69.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.14*		"	*4.97*		*83.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.35*		"	*4.73*		*92.0*	*25-200*				
Surrogate: M2-8:2 FTS	*4.41*		"	*4.77*		*92.4*	*25-200*				
Surrogate: M9PFNA	*1.08*		"	*1.24*		*86.7*	*25-150*				
Surrogate: M2-4:2 FTS	*4.72*		"	*4.66*		*101*	*25-150*				
Surrogate: d-N-MeFOSA	*0.762*		"	*2.49*		*30.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.00*		"	*2.49*		*40.3*	*25-150*				
Surrogate: M3HFPO-DA	*10.9*		"	*9.94*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.3*		"	*24.9*		*49.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.9*		"	*24.9*		*51.9*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
LCS (BA50519-BS2)								Prepared: 01/10/2025 Analyzed: 01/13/2025			
Perfluorobutanesulfonic acid (PFBS)	0.328	0.176	ug/kg wet	0.352		93.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.353	0.199	"	0.398		88.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.434	0.199	"	0.398		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.349	0.182	"	0.364		96.0	50-150				
Perfluorooctanoic acid (PFOA)	0.376	0.199	"	0.398		94.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.457	0.185	"	0.370		124	50-150				
Perfluorononanoic acid (PFNA)	0.309	0.199	"	0.398		77.7	50-150				
Perfluorodecanoic acid (PFDA)	0.363	0.199	"	0.398		91.2	50-150				
Perfluoroundecanoic acid (PFUnA)	0.409	0.199	"	0.398		103	50-150				
Perfluorododecanoic acid (PFDoA)	0.357	0.199	"	0.398		89.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.458	0.199	"	0.398		115	50-150				
Perfluorotetradecanoic acid (PFTA)	0.303	0.199	"	0.398		76.1	50-150				
N-MeFOSAA	0.299	0.199	"	0.398		75.1	50-150				
N-EtFOSAA	0.417	0.199	"	0.398		105	50-150				
Perfluoropentanoic acid (PFPeA)	0.801	0.398	"	0.795		101	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.351	0.199	"	0.398		88.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.331	0.199	"	0.380		87.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.443	0.192	"	0.384		115	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.29	0.755	"	1.51		85.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.47	0.763	"	1.53		96.1	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.24	0.795	"	1.59		78.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.646	0.354	"	0.708		91.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.694	0.398	"	0.795		87.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0649	0.398	"	0.795		8.16	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.34	0.398	"	0.795		169	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.388	0.187	"	0.374		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.46	0.746	"	1.49		97.9	50-150				
HFPO-DA (Gen-X)	0.618	0.795	"	0.795		77.7	50-150				
11CL-PF3OUdS	0.459	0.751	"	0.751		61.0	50-150				
9CL-PF3ONS	0.469	0.744	"	0.744		63.1	50-150				
ADONA	0.694	0.751	"	0.751		92.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.351	0.193	"	0.386		91.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.361	0.191	"	0.382		94.6	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.663	0.994	"	1.59		41.7	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	6.46	4.97	"	7.95		81.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	5.27	4.97	"	7.95		66.3	50-150				
N-MeFOSE	4.37	1.99	"	3.98		110	50-150				
N-MeFOSA	0.511	0.199	"	0.398		128	50-150				
N-EtFOSE	3.79	1.99	"	3.98		95.3	50-150				
N-EtFOSA	0.274	0.199	"	0.398		68.9	50-150				
Surrogate: M3PFBS	*2.32*		"	*2.32*		*100*	*25-150*				
Surrogate: M5PFHxA	*2.42*		"	*2.49*		*97.3*	*25-150*				
Surrogate: M4PFHpA	*2.00*		"	*2.49*		*80.4*	*25-150*				
Surrogate: M3PFHxS	*1.83*		"	*2.36*		*77.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.91*		"	*2.49*		*77.0*	*25-150*				
Surrogate: M6PFDA	*0.974*		"	*1.24*		*78.4*	*25-150*				
Surrogate: M7PFUdA	*0.934*		"	*1.24*		*75.2*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
LCS (BA50519-BS2)								Prepared: 01/10/2025 Analyzed: 01/13/2025			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.986*		*ug/kg wet*	*1.24*		*79.3*	*25-150*				
Surrogate: M2PFTeDA	*0.943*		*"*	*1.24*		*75.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.415*		*"*	*9.94*		*4.17*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.44*		*"*	*2.38*		*60.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.83*		*"*	*4.97*		*36.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.51*		*"*	*2.49*		*60.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.10*		*"*	*4.97*		*62.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.80*		*"*	*4.97*		*76.5*	*25-150*				
Surrogate: M2-6:2 FTS	*3.37*		*"*	*4.73*		*71.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.05*		*"*	*4.77*		*64.0*	*25-200*				
Surrogate: M9PFNA	*0.863*		*"*	*1.24*		*69.4*	*25-150*				
Surrogate: M2-4:2 FTS	*4.23*		*"*	*4.66*		*90.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.866*		*"*	*2.49*		*34.8*	*25-150*				
Surrogate: d-N-EtFOSA	*0.902*		*"*	*2.49*		*36.3*	*25-150*				
Surrogate: M3HFPO-DA	*9.42*		*"*	*9.94*		*94.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.9*		*"*	*24.9*		*51.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.5*		*"*	*24.9*		*50.2*	*25-150*				
Matrix Spike (BA50519-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared: 01/10/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.37	0.183	ug/kg dry	3.66	ND	92.0	25-150				
Perfluorohexanoic acid (PFHxA)	3.91	0.207	"	4.14	ND	94.5	25-150				
Perfluoroheptanoic acid (PFHpA)	3.57	0.207	"	4.14	ND	86.4	25-150				
Perfluorohexanesulfonic acid (PFHxS)	3.47	0.189	"	3.78	ND	91.6	25-150				
Perfluorooctanoic acid (PFOA)	3.11	0.207	"	4.14	ND	75.2	25-150				
Perfluorooctanesulfonic acid (PFOS)	8.62	0.192	"	3.85	3.01	146	25-150				
Perfluorononanoic acid (PFNA)	3.78	0.207	"	4.14	ND	91.4	25-150				
Perfluorodecanoic acid (PFDA)	3.78	0.207	"	4.14	ND	91.5	25-150				
Perfluoroundecanoic acid (PFUnA)	4.08	0.207	"	4.14	ND	98.8	25-150				
Perfluorododecanoic acid (PFDoA)	3.69	0.207	"	4.14	ND	89.2	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.91	0.207	"	4.14	ND	143	25-150				
Perfluorotetradecanoic acid (PFTA)	3.80	0.207	"	4.14	ND	91.8	25-150				
N-MeFOSAA	4.20	0.207	"	4.14	ND	102	25-150				
N-EtFOSAA	3.84	0.207	"	4.14	ND	92.7	25-150				
Perfluoropentanoic acid (PFPeA)	7.63	0.414	"	8.27	ND	92.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.90	0.207	"	4.14	ND	94.2	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.74	0.207	"	3.95	ND	94.6	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.01	0.200	"	3.99	ND	75.5	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.2	0.786	"	15.7	ND	90.5	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	0.794	"	15.9	ND	91.4	25-150				
Perfluoro-n-butanoic acid (PFBA)	14.8	0.827	"	16.5	ND	89.3	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.69	0.368	"	7.36	ND	90.9	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.47	0.414	"	8.27	ND	78.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.88	0.414	"	8.27	ND	22.7	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.2	0.414	"	8.27	ND	123	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.39	0.194	"	3.89	ND	87.2	25-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
Matrix Spike (BA50519-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared: 01/10/2025 Analyzed: 01/14/2025			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.0	0.775	ug/kg dry	15.5	ND	90.4	25-150				
HFPO-DA (Gen-X)	8.32	0.827	"	8.27	ND	101	25-150				
11CL-PF3OUdS	5.83	0.782	"	7.82	ND	74.6	25-150				
9CL-PF3ONS	7.68	0.773	"	7.73	ND	99.3	25-150				
ADONA	8.36	0.782	"	7.82	ND	107	25-150				
Perfluorododecanesulfonic acid (PFDoS)	1.79	0.201	"	4.01	ND	44.5	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.75	0.199	"	3.97	ND	94.4	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	12.7	1.03	"	16.5	ND	76.9	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	71.3	5.17	"	82.7	ND	86.2	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	72.9	5.17	"	82.7	ND	88.2	25-150				
N-MeFOSE	43.2	2.07	"	41.4	ND	104	25-150				
N-MeFOSA	3.96	0.207	"	4.14	ND	95.7	25-150				
N-EtFOSE	36.5	2.07	"	41.4	ND	88.3	25-150				
N-EtFOSA	3.42	0.207	"	4.14	ND	82.7	25-150				
Surrogate: M3PFBS	*2.70*		"	*2.41*		*112*	*25-150*				
Surrogate: M5PFHxA	*2.76*		"	*2.58*		*107*	*25-150*				
Surrogate: M4PFHpA	*2.79*		"	*2.58*		*108*	*25-150*				
Surrogate: M3PFHxS	*2.92*		"	*2.45*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.98*		"	*2.58*		*115*	*25-150*				
Surrogate: M6PFDA	*1.15*		"	*1.29*		*88.7*	*25-150*				
Surrogate: M7PFUdA	*1.04*		"	*1.29*		*80.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.946*		"	*1.29*		*73.2*	*25-150*				
Surrogate: M2PFTeDA	*0.484*		"	*1.29*		*37.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.27*		"	*10.3*		*21.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.46*		"	*2.48*		*99.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.35*		"	*5.17*		*64.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.63*		"	*2.58*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.60*		"	*5.17*		*89.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.98*		"	*5.17*		*96.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.79*		"	*4.92*		*97.4*	*25-200*				
Surrogate: M2-8:2 FTS	*4.46*		"	*4.96*		*89.9*	*25-200*				
Surrogate: M9PFNA	*1.39*		"	*1.29*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*4.69*		"	*4.85*		*96.7*	*25-150*				
Surrogate: d-N-MeFOSA	*1.71*		"	*2.58*		*66.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.81*		"	*2.58*		*70.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		"	*10.3*		*97.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		"	*25.8*		*58.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.2*		"	*25.8*		*43.4*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
Matrix Spike Dup (BA50519-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/10/2025 Analyzed: 01/14/2025		
Perfluorobutanesulfonic acid (PFBS)	3.38	0.183	ug/kg dry	3.66	ND	92.3	25-150		0.287	35	
Perfluorohexanoic acid (PFHxA)	4.05	0.207	"	4.14	ND	98.0	25-150		3.57	35	
Perfluoroheptanoic acid (PFHpA)	3.91	0.207	"	4.14	ND	94.5	25-150		8.96	35	
Perfluorohexanesulfonic acid (PFHxS)	3.62	0.189	"	3.78	ND	95.5	25-150		4.21	35	
Perfluorooctanoic acid (PFOA)	3.84	0.207	"	4.14	ND	93.0	25-150		21.1	35	
Perfluorooctanesulfonic acid (PFOS)	18.7	0.192	"	3.85	3.01	408	25-150	High Bias	73.8	35	Non-dir.
Perfluorononanoic acid (PFNA)	4.04	0.207	"	4.14	ND	97.6	25-150		6.65	35	
Perfluorodecanoic acid (PFDA)	3.16	0.207	"	4.14	ND	76.5	25-150		17.9	35	
Perfluoroundecanoic acid (PFUnA)	3.57	0.207	"	4.14	ND	86.3	25-150		13.5	35	
Perfluorododecanoic acid (PFDoA)	3.47	0.207	"	4.14	ND	83.8	25-150		6.27	35	
Perfluorotridecanoic acid (PFTrDA)	4.81	0.207	"	4.14	ND	116	25-150		20.4	35	
Perfluorotetradecanoic acid (PFTA)	3.59	0.207	"	4.14	ND	86.7	25-150		5.64	35	
N-MeFOSAA	4.03	0.207	"	4.14	ND	97.3	25-150		4.27	35	
N-EtFOSAA	3.83	0.207	"	4.14	ND	92.6	25-150		0.186	35	
Perfluoropentanoic acid (PFPeA)	7.90	0.414	"	8.27	ND	95.6	25-150		3.49	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.01	0.207	"	4.14	ND	97.1	25-150		2.98	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.85	0.207	"	3.95	ND	97.4	25-150		2.88	35	
Perfluoro-1-decanesulfonic acid (PFDS)	2.95	0.200	"	3.99	ND	74.0	25-150		1.94	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.5	0.786	"	15.7	ND	85.9	25-150		5.16	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	0.794	"	15.9	ND	91.6	25-150		0.237	35	
Perfluoro-n-butanoic acid (PFBA)	15.3	0.827	"	16.5	ND	92.7	25-150		3.77	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.89	0.368	"	7.36	ND	93.5	25-150		2.83	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.64	0.414	"	8.27	ND	80.2	25-150		2.57	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	4.10	0.414	"	8.27	ND	49.6	25-150		74.4	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	9.20	0.414	"	8.27	ND	111	25-150		10.0	30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.73	0.194	"	3.89	ND	95.9	25-150		9.58	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.0	0.775	"	15.5	ND	90.0	25-150		0.432	30	
HFPO-DA (Gen-X)	7.32	0.827	"	8.27	ND	88.5	25-150		12.8	30	
11CL-PF3OUdS	4.41	0.782	"	7.82	ND	56.4	25-150		27.7	30	
9CL-PF3ONS	5.82	0.773	"	7.73	ND	75.2	25-150		27.6	30	
ADONA	7.33	0.782	"	7.82	ND	93.8	25-150		13.1	30	
Perfluorododecanesulfonic acid (PFDoS)	2.35	0.201	"	4.01	ND	58.6	25-150		27.2	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.81	0.199	"	3.97	ND	95.8	25-150		1.47	30	
3-Perfluoropropyl propanoic acid (FPrPA)	14.9	1.03	"	16.5	ND	90.0	25-150		15.7	30	
3-Perfluoropentyl propanoic acid (FPePA)	72.9	5.17	"	82.7	ND	88.2	25-150		2.30	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	68.8	5.17	"	82.7	ND	83.2	25-150		5.85	30	
N-MeFOSE	43.5	2.07	"	41.4	ND	105	25-150		0.653	30	
N-MeFOSA	4.45	0.207	"	4.14	ND	108	25-150		11.8	30	
N-EtFOSE	35.3	2.07	"	41.4	ND	85.4	25-150		3.30	30	
N-EtFOSA	3.66	0.207	"	4.14	ND	88.4	25-150		6.70	30	
Surrogate: M3PFBS	*2.81*		"	*2.41*		*117*	*25-150*				
Surrogate: M5PFHxA	*2.72*		"	*2.58*		*105*	*25-150*				
Surrogate: M4PFHpA	*2.61*		"	*2.58*		*101*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.45*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.76*		"	*2.58*		*107*	*25-150*				
Surrogate: M6PFDA	*1.31*		"	*1.29*		*102*	*25-150*				
Surrogate: M7PFUdA	*1.19*		"	*1.29*		*92.0*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50519 - EPA 1633 Prep											
Matrix Spike Dup (BA50519-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/10/2025 Analyzed: 01/14/2025		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.995*		*ug/kg dry*	*1.29*		*77.0*	*25-150*				
Surrogate: M2PFTeDA	*0.759*		*"*	*1.29*		*58.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.45*		*"*	*10.3*		*52.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.07*		*"*	*2.48*		*83.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.92*		*"*	*5.17*		*75.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.20*		*"*	*2.58*		*85.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.96*		*"*	*5.17*		*76.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*5.17*		*82.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.50*		*"*	*4.92*		*91.5*	*25-200*				
Surrogate: M2-8:2 FTS	*3.87*		*"*	*4.96*		*78.0*	*25-200*				
Surrogate: M9PFNA	*1.25*		*"*	*1.29*		*96.4*	*25-150*				
Surrogate: M2-4:2 FTS	*4.78*		*"*	*4.85*		*98.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.45*		*"*	*2.58*		*56.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.49*		*"*	*2.58*		*57.6*	*25-150*				
Surrogate: M3HFPO-DA	*11.5*		*"*	*10.3*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.9*		*"*	*25.8*		*53.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.9*		*"*	*25.8*		*50.0*	*25-150*				
Batch BA50631 - EPA 1633 Prep											
Blank (BA50631-BLK1)									Prepared: 01/11/2025 Analyzed: 01/13/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50631 - EPA 1633 Prep											
Blank (BA50631-BLK1)											Prepared: 01/11/2025 Analyzed: 01/13/2025
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	ug/kg wet								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.66*		"	*2.32*		*115*	*25-150*				
Surrogate: M5PFHxA	*2.69*		"	*2.49*		*108*	*25-150*				
Surrogate: M4PFHpA	*2.47*		"	*2.49*		*99.2*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.44*		"	*2.49*		*98.2*	*25-150*				
Surrogate: M6PFDA	*0.914*		"	*1.24*		*73.6*	*25-150*				
Surrogate: M7PFUdA	*0.683*		"	*1.24*		*55.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.685*		"	*1.24*		*55.1*	*25-150*				
Surrogate: M2PFTeDA	*0.660*		"	*1.24*		*53.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.35*		"	*9.94*		*23.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.28*		"	*2.38*		*95.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.54*		"	*4.97*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.54*		"	*2.49*		*62.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.62*		"	*4.97*		*93.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.26*		"	*4.97*		*85.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.39*		"	*4.73*		*92.9*	*25-200*				
Surrogate: M2-8:2 FTS	*7.42*		"	*4.77*		*155*	*25-200*				
Surrogate: M9PFNA	*1.15*		"	*1.24*		*92.4*	*25-150*				
Surrogate: M2-4:2 FTS	*4.20*		"	*4.66*		*90.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.15*		"	*2.49*		*46.1*	*25-150*				
Surrogate: d-N-EtFOSA	*0.885*		"	*2.49*		*35.6*	*25-150*				
Surrogate: M3HFPO-DA	*10.8*		"	*9.94*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.16*		"	*24.9*		*28.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.0*		"	*24.9*		*48.1*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

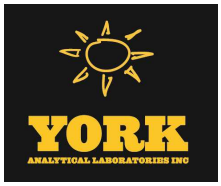
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50631 - EPA 1633 Prep											
LCS (BA50631-BS1)								Prepared: 01/11/2025 Analyzed: 01/13/2025			
Perfluorobutanesulfonic acid (PFBS)	2.82	0.176	ug/kg wet	3.53		79.9	50-150				
Perfluorohexanoic acid (PFHxA)	2.95	0.199	"	3.98		74.1	50-150				
Perfluoroheptanoic acid (PFHpA)	3.62	0.199	"	3.98		90.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	2.95	0.182	"	3.65		80.8	50-150				
Perfluorooctanoic acid (PFOA)	2.88	0.199	"	3.98		72.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.86	0.185	"	3.71		77.2	50-150				
Perfluorononanoic acid (PFNA)	2.55	0.199	"	3.98		64.0	50-150				
Perfluorodecanoic acid (PFDA)	2.73	0.199	"	3.98		68.5	50-150				
Perfluoroundecanoic acid (PFUnA)	3.52	0.199	"	3.98		88.2	50-150				
Perfluorododecanoic acid (PFDoA)	3.29	0.199	"	3.98		82.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	2.86	0.199	"	3.98		71.8	50-150				
Perfluorotetradecanoic acid (PFTA)	3.15	0.199	"	3.98		78.9	50-150				
N-MeFOSAA	3.36	0.199	"	3.98		84.2	50-150				
N-EtFOSAA	3.10	0.199	"	3.98		77.8	50-150				
Perfluoropentanoic acid (PFPeA)	6.34	0.398	"	7.97		79.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.43	0.199	"	3.98		60.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.96	0.199	"	3.80		77.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.06	0.192	"	3.84		79.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	11.5	0.757	"	15.1		75.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	12.0	0.765	"	15.3		78.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.9	0.797	"	15.9		80.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.52	0.355	"	7.09		77.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.72	0.398	"	7.97		71.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	6.54	0.398	"	7.97		82.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	6.31	0.398	"	7.97		79.2	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.10	0.187	"	3.75		82.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	12.9	0.747	"	14.9		86.0	50-150				
HFPO-DA (Gen-X)	7.97	0.797	"	7.97		100	50-150				
11CL-PF3OUdS	5.34	0.753	"	7.53		71.0	50-150				
9CL-PF3ONS	6.25	0.745	"	7.45		83.9	50-150				
ADONA	6.73	0.753	"	7.53		89.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.11	0.193	"	3.86		54.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.14	0.191	"	3.82		82.1	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	13.6	0.996	"	15.9		85.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	59.2	4.98	"	79.7		74.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	69.7	4.98	"	79.7		87.4	50-150				
N-MeFOSE	34.0	1.99	"	39.8		85.3	50-150				
N-MeFOSA	3.48	0.199	"	3.98		87.3	50-150				
N-EtFOSE	32.7	1.99	"	39.8		82.1	50-150				
N-EtFOSA	2.71	0.199	"	3.98		68.1	50-150				
Surrogate: M3PFBS	*3.00*		*"*	*2.32*		*129*	*25-150*				
Surrogate: M5PFHxA	*3.24*		*"*	*2.49*		*130*	*25-150*				
Surrogate: M4PFHpA	*3.01*		*"*	*2.49*		*121*	*25-150*				
Surrogate: M3PFHxS	*3.08*		*"*	*2.36*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.86*		*"*	*2.49*		*115*	*25-150*				
Surrogate: M6PFDA	*1.39*		*"*	*1.25*		*112*	*25-150*				
Surrogate: M7PFUdA	*1.24*		*"*	*1.25*		*99.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50631 - EPA 1633 Prep											
LCS (BA50631-BS1)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.06*		*ug/kg wet*	*1.25*		*85.3*	*25-150*				
Surrogate: M2PFTeDA	*1.10*		*"*	*1.25*		*88.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.4*		*"*	*9.96*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.68*		*"*	*2.39*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.07*		*"*	*4.98*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.00*		*"*	*2.49*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*6.92*		*"*	*4.98*		*139*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.62*		*"*	*4.98*		*153*	*25-150*				
Surrogate: M2-6:2 FTS	*5.33*		*"*	*4.74*		*113*	*25-200*				
Surrogate: M2-8:2 FTS	*10.4*		*"*	*4.78*		*218*	*25-200*				
Surrogate: M9PFNA	*1.55*		*"*	*1.25*		*125*	*25-150*				
Surrogate: M2-4:2 FTS	*5.02*		*"*	*4.67*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*1.30*		*"*	*2.49*		*52.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.49*		*"*	*2.49*		*59.8*	*25-150*				
Surrogate: M3HFPO-DA	*11.4*		*"*	*9.96*		*114*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.4*		*"*	*24.9*		*78.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.3*		*"*	*24.9*		*61.3*	*25-150*				
LCS (BA50631-BS2)											
Perfluorobutanesulfonic acid (PFBS)	0.337	0.177	ug/kg wet	0.354		95.1	50-150				
Perfluorohexanoic acid (PFHxA)	0.352	0.200	"	0.400		87.9	50-150				
Perfluoroheptanoic acid (PFHpA)	0.354	0.200	"	0.400		88.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.371	0.183	"	0.366		101	50-150				
Perfluorooctanoic acid (PFOA)	0.309	0.200	"	0.400		77.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.326	0.186	"	0.372		87.7	50-150				
Perfluorononanoic acid (PFNA)	0.366	0.200	"	0.400		91.5	50-150				
Perfluorodecanoic acid (PFDA)	0.276	0.200	"	0.400		68.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.353	0.200	"	0.400		88.1	50-150				
Perfluorododecanoic acid (PFDoA)	0.391	0.200	"	0.400		97.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.396	0.200	"	0.400		98.9	50-150				
Perfluorotetradecanoic acid (PFTA)	0.324	0.200	"	0.400		81.0	50-150				
N-MeFOSAA	0.387	0.200	"	0.400		96.7	50-150				
N-EtFOSAA	0.343	0.200	"	0.400		85.9	50-150				
Perfluoropentanoic acid (PFPeA)	0.689	0.400	"	0.800		86.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.273	0.200	"	0.400		68.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.291	0.200	"	0.382		76.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.313	0.193	"	0.386		81.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.26	0.760	"	1.52		83.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.50	0.768	"	1.54		97.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.37	0.800	"	1.60		85.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.603	0.356	"	0.712		84.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.462	0.400	"	0.800		57.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.713	0.400	"	0.800		89.2	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.707	0.400	"	0.800		88.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.322	0.188	"	0.376		85.6	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50631 - EPA 1633 Prep											
LCS (BA50631-BS2)								Prepared: 01/11/2025 Analyzed: 01/13/2025			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.44	0.750	ug/kg wet	1.50		95.7	50-150				
HFPO-DA (Gen-X)	0.762	0.800	"	0.800		95.3	50-150				
11CL-PF3OUdS	0.503	0.756	"	0.756		66.6	50-150				
9CL-PF3ONS	0.595	0.748	"	0.748		79.6	50-150				
ADONA	0.679	0.756	"	0.756		89.9	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.132	0.194	"	0.388		34.0	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.361	0.192	"	0.384		93.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.45	1.00	"	1.60		90.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	6.66	5.00	"	8.00		83.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	6.68	5.00	"	8.00		83.5	50-150				
N-MeFOSE	3.70	2.00	"	4.00		92.5	50-150				
N-MeFOSA	0.341	0.200	"	0.400		85.2	50-150				
N-EtFOSE	3.85	2.00	"	4.00		96.2	50-150				
N-EtFOSA	0.407	0.200	"	0.400		102	50-150				
Surrogate: M3PFBS	*2.90*		*"*	*2.33*		*124*	*25-150*				
Surrogate: M5PFHxA	*2.76*		*"*	*2.50*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.76*		*"*	*2.50*		*111*	*25-150*				
Surrogate: M3PFHxS	*2.81*		*"*	*2.37*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.46*		*"*	*2.50*		*98.4*	*25-150*				
Surrogate: M6PFDA	*1.34*		*"*	*1.25*		*108*	*25-150*				
Surrogate: M7PFUdA	*0.968*		*"*	*1.25*		*77.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.819*		*"*	*1.25*		*65.5*	*25-150*				
Surrogate: M2PFTeDA	*0.817*		*"*	*1.25*		*65.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.56*		*"*	*10.0*		*95.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.29*		*"*	*2.40*		*95.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.44*		*"*	*5.00*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.43*		*"*	*2.50*		*97.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.79*		*"*	*5.00*		*95.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.62*		*"*	*5.00*		*112*	*25-150*				
Surrogate: M2-6:2 FTS	*4.29*		*"*	*4.76*		*90.3*	*25-200*				
Surrogate: M2-8:2 FTS	*7.32*		*"*	*4.80*		*152*	*25-200*				
Surrogate: M9PFNA	*1.10*		*"*	*1.25*		*87.9*	*25-150*				
Surrogate: M2-4:2 FTS	*4.72*		*"*	*4.69*		*101*	*25-150*				
Surrogate: d-N-MeFOSA	*1.31*		*"*	*2.50*		*52.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.39*		*"*	*2.50*		*55.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*10.0*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.5*		*"*	*25.0*		*74.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.0*		*"*	*25.0*		*80.1*	*25-150*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
Blank (BA50650-BLK1)											Prepared: 01/12/2025 Analyzed: 01/13/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*24.3*		*"*	*23.3*		*104*	*25-150*				
Surrogate: M5PFHxA	*25.8*		*"*	*25.0*		*103*	*25-150*				
Surrogate: M4PFHpA	*28.9*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*25.0*		*"*	*23.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*23.2*		*"*	*25.0*		*92.8*	*25-150*				
Surrogate: M6PFDA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M7PFUdA	*11.9*		*"*	*12.5*		*95.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
Blank (BA50650-BLK1)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.09*		*ng/L*	*12.5*		*72.7*	*25-150*				
Surrogate: M2PFTeDA	*6.37*		*"*	*12.5*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.41*		*"*	*100*		*2.41*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.6*		*"*	*23.9*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.3*		*"*	*50.0*		*56.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.6*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.6*		*"*	*50.0*		*97.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.9*		*"*	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*31.5*		*"*	*47.5*		*66.2*	*25-200*				
Surrogate: M2-8:2 FTS	*34.2*		*"*	*48.0*		*71.3*	*25-200*				
Surrogate: M9PFNA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*33.5*		*"*	*46.9*		*71.5*	*25-150*				
Surrogate: d-N-MeFOSA	*17.5*		*"*	*25.0*		*69.9*	*25-150*				
Surrogate: d-N-EtFOSA	*16.0*		*"*	*25.0*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*90.9*		*"*	*100*		*90.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*173*		*"*	*250*		*69.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*182*		*"*	*250*		*72.8*	*25-150*				
LCS (BA50650-BS1)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Perfluorobutanesulfonic acid (PFBS)	36.9	1.77	ng/L	35.4		104	50-150				
Perfluorohexanoic acid (PFHxA)	39.9	2.00	"	40.0		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	33.1	2.00	"	40.0		82.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	39.9	1.83	"	36.6		109	50-150				
Perfluorooctanoic acid (PFOA)	36.0	2.00	"	40.0		90.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	34.1	1.86	"	37.2		91.8	50-150				
Perfluorononanoic acid (PFNA)	36.5	2.00	"	40.0		91.3	50-150				
Perfluorodecanoic acid (PFDA)	31.9	2.00	"	40.0		79.7	50-150				
Perfluoroundecanoic acid (PFUnA)	42.0	2.00	"	40.0		105	50-150				
Perfluorododecanoic acid (PFDoA)	41.0	2.00	"	40.0		102	50-150				
Perfluorotridecanoic acid (PFTrDA)	60.0	2.00	"	40.0		150	50-150				
Perfluorotetradecanoic acid (PFTA)	37.7	2.00	"	40.0		94.4	50-150				
N-MeFOSAA	42.0	2.00	"	40.0		105	50-150				
N-EtFOSAA	42.7	2.00	"	40.0		107	50-150				
Perfluoropentanoic acid (PFPeA)	77.9	4.00	"	80.0		97.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	31.4	2.00	"	40.0		78.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	31.9	1.91	"	38.2		83.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	33.3	1.93	"	38.6		86.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	140	7.60	"	152		92.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	169	7.68	"	154		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	123	8.00	"	160		77.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.6	3.56	"	71.2		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	62.6	4.00	"	80.0		78.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.60	4.00	"	80.0		12.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	111	4.00	"	80.0		138	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.0	1.88	"	37.6		106	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS1)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	168	7.50	ng/L	150		112	50-150				
HFPO-DA (Gen-X)	83.9	8.00	"	80.0		105	50-150				
11CL-PF3OUdS	72.0	7.56	"	75.6		95.2	50-150				
9CL-PF3ONS	77.3	7.48	"	74.8		103	50-150				
ADONA	84.0	7.56	"	75.6		111	50-150				
Perfluorododecanesulfonic acid (PFDoS)	23.5	1.94	"	38.8		60.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	36.4	1.92	"	38.4		94.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	96.1	5.00	"	160		60.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	836	25.0	"	800		105	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	869	25.0	"	800		109	50-150				
N-MeFOSE	418	20.0	"	400		105	50-150				
N-MeFOSA	42.8	2.00	"	40.0		107	50-150				
N-EtFOSE	423	20.0	"	400		106	50-150				
N-EtFOSA	34.0	2.00	"	40.0		84.9	50-150				
Surrogate: M3PFBS	*24.9*		"	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*22.2*		"	*25.0*		*88.8*	*25-150*				
Surrogate: M4PFHpA	*26.7*		"	*25.0*		*107*	*25-150*				
Surrogate: M3PFHxS	*25.8*		"	*23.7*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.7*		"	*25.0*		*98.8*	*25-150*				
Surrogate: M6PFDA	*15.3*		"	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*13.0*		"	*12.5*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.3*		"	*12.5*		*82.3*	*25-150*				
Surrogate: M2PFTeDA	*6.95*		"	*12.5*		*55.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.82*		"	*100*		*2.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.2*		"	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*24.6*		"	*50.0*		*49.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.4*		"	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.0*		"	*50.0*		*96.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.7*		"	*50.0*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*48.4*		"	*47.6*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*52.5*		"	*48.0*		*109*	*25-200*				
Surrogate: M9PFNA	*13.2*		"	*12.5*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*43.6*		"	*46.9*		*93.0*	*25-150*				
Surrogate: d-N-MeFOSA	*16.6*		"	*25.0*		*66.6*	*25-150*				
Surrogate: d-N-EtFOSA	*13.7*		"	*25.0*		*54.8*	*25-150*				
Surrogate: M3HFPO-DA	*85.5*		"	*100*		*85.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*228*		"	*250*		*91.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*204*		"	*250*		*81.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS2)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.34	1.77	ng/L	3.54		94.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.91	2.00	"	4.00		97.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.30	2.00	"	4.00		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.46	1.83	"	3.66		94.6	50-150				
Perfluorooctanoic acid (PFOA)	3.19	2.00	"	4.00		79.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	1.86	"	3.72		94.4	50-150				
Perfluorononanoic acid (PFNA)	3.02	2.00	"	4.00		75.4	50-150				
Perfluorodecanoic acid (PFDA)	3.13	2.00	"	4.00		78.3	50-150				
Perfluoroundecanoic acid (PFUnA)	3.75	2.00	"	4.00		93.8	50-150				
Perfluorododecanoic acid (PFDoA)	2.71	2.00	"	4.00		67.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.77	2.00	"	4.00		119	50-150				
Perfluorotetradecanoic acid (PFTA)	2.99	2.00	"	4.00		74.7	50-150				
N-MeFOSAA	4.10	2.00	"	4.00		102	50-150				
N-EtFOSAA	4.08	2.00	"	4.00		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.63	4.00	"	8.00		95.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.17	2.00	"	4.00		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.04	1.91	"	3.82		79.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.45	1.93	"	3.86		63.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.4	7.60	"	15.2		81.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	7.68	"	15.4		94.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	8.37	8.00	"	16.0		52.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.87	3.56	"	7.12		96.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.69	4.00	"	8.00		71.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.674	4.00	"	8.00		8.43	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.0	4.00	"	8.00		138	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.71	1.88	"	3.76		98.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	7.50	"	15.0		99.6	50-150				
HFPO-DA (Gen-X)	7.66	8.00	"	8.00		95.7	50-150				
11CL-PF3OUdS	6.17	7.56	"	7.56		81.7	50-150				
9CL-PF3ONS	7.71	7.48	"	7.48		103	50-150				
ADONA	7.71	7.56	"	7.56		102	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.04	1.94	"	3.88		52.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.24	1.92	"	3.84		84.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.3	5.00	"	16.0		64.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.7	25.0	"	80.0		94.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.4	25.0	"	80.0		100	50-150				
N-MeFOSE	38.4	20.0	"	40.0		96.1	50-150				
N-MeFOSA	4.04	2.00	"	4.00		101	50-150				
N-EtFOSE	34.7	20.0	"	40.0		86.7	50-150				
N-EtFOSA	5.07	2.00	"	4.00		127	50-150				
Surrogate: M3PFBS	*23.2*		*"*	*23.3*		*99.6*	*25-150*				
Surrogate: M5PFHxA	*24.1*		*"*	*25.0*		*96.5*	*25-150*				
Surrogate: M4PFHpA	*23.4*		*"*	*25.0*		*93.5*	*25-150*				
Surrogate: M3PFHxS	*24.2*		*"*	*23.7*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.1*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M6PFDA	*16.0*		*"*	*12.5*		*128*	*25-150*				
Surrogate: M7PFUdA	*15.5*		*"*	*12.5*		*124*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.2*		*ng/L*	*12.5*		*106*	*25-150*				
Surrogate: M2PFTeDA	*9.55*		*"*	*12.5*		*76.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.10*		*"*	*100*		*2.10*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.7*		*"*	*24.0*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*24.1*		*"*	*50.0*		*48.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.8*		*"*	*25.0*		*91.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*41.9*		*"*	*50.0*		*83.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*42.6*		*"*	*50.0*		*85.3*	*25-150*				
Surrogate: M2-6:2 FTS	*40.3*		*"*	*47.6*		*84.8*	*25-200*				
Surrogate: M2-8:2 FTS	*35.5*		*"*	*48.0*		*74.0*	*25-200*				
Surrogate: M9PFNA	*12.2*		*"*	*12.5*		*97.3*	*25-150*				
Surrogate: M2-4:2 FTS	*37.3*		*"*	*46.9*		*79.6*	*25-150*				
Surrogate: d-N-MeFOSA	*18.8*		*"*	*25.0*		*75.3*	*25-150*				
Surrogate: d-N-EtFOSA	*19.1*		*"*	*25.0*		*76.5*	*25-150*				
Surrogate: M3HFPO-DA	*101*		*"*	*100*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*150*		*"*	*250*		*59.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*171*		*"*	*250*		*68.5*	*25-150*				
Batch BA50651 - EPA 1633 Prep											
Blank (BA50651-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
Blank (BA50651-BLK1)											Prepared: 01/12/2025 Analyzed: 01/14/2025
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	ug/kg wet								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.48*		"	*2.30*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.32*		"	*2.47*		*93.9*	*25-150*				
Surrogate: M4PFHpA	*2.38*		"	*2.47*		*96.3*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.34*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		"	*2.47*		*114*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.09*		"	*1.24*		*88.6*	*25-150*				
Surrogate: M2PFTeDA	*0.732*		"	*1.24*		*59.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.233*		"	*9.88*		*2.36*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		"	*2.37*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.91*		"	*4.94*		*59.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.27*		"	*2.47*		*91.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		"	*4.94*		*82.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.28*		"	*4.94*		*86.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.31*		"	*4.70*		*91.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.83*		"	*4.74*		*80.8*	*25-200*				
Surrogate: M9PFNA	*1.53*		"	*1.24*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*4.06*		"	*4.63*		*87.5*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		"	*2.47*		*83.3*	*25-150*				
Surrogate: d-N-EtFOSA	*2.04*		"	*2.47*		*82.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.67*		"	*9.88*		*97.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		"	*24.7*		*60.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.7*		"	*24.7*		*59.3*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS1)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.57	0.175	ug/kg wet	3.50		102	50-150				
Perfluorohexanoic acid (PFHxA)	3.95	0.198	"	3.96		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.92	0.198	"	3.96		99.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.70	0.181	"	3.62		102	50-150				
Perfluorooctanoic acid (PFOA)	3.68	0.198	"	3.96		93.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.184	"	3.68		85.0	50-150				
Perfluorononanoic acid (PFNA)	3.49	0.198	"	3.96		88.0	50-150				
Perfluorodecanoic acid (PFDA)	3.20	0.198	"	3.96		80.7	50-150				
Perfluoroundecanoic acid (PFUnA)	4.21	0.198	"	3.96		106	50-150				
Perfluorododecanoic acid (PFDoA)	4.01	0.198	"	3.96		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.12	0.198	"	3.96		104	50-150				
Perfluorotetradecanoic acid (PFTA)	3.47	0.198	"	3.96		87.6	50-150				
N-MeFOSAA	4.03	0.198	"	3.96		102	50-150				
N-EtFOSAA	4.17	0.198	"	3.96		105	50-150				
Perfluoropentanoic acid (PFPeA)	7.85	0.396	"	7.92		99.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.07	0.198	"	3.96		103	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.05	0.198	"	3.78		80.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.73	0.191	"	3.82		71.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.9	0.752	"	15.0		85.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.7	0.760	"	15.2		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.9	0.792	"	15.8		93.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.96	0.352	"	7.05		98.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.37	0.396	"	7.92		80.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.03	0.396	"	7.92		13.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.8	0.396	"	7.92		137	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.73	0.186	"	3.72		100	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.5	0.743	"	14.9		97.6	50-150				
HFPO-DA (Gen-X)	8.69	0.792	"	7.92		110	50-150				
11CL-PF3OUdS	7.01	0.749	"	7.49		93.7	50-150				
9CL-PF3ONS	8.37	0.741	"	7.41		113	50-150				
ADONA	8.35	0.749	"	7.49		112	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.57	0.192	"	3.84		66.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.64	0.190	"	3.80		95.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.0	0.990	"	15.8		69.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	78.4	4.95	"	79.2		99.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	83.7	4.95	"	79.2		106	50-150				
N-MeFOSE	43.5	1.98	"	39.6		110	50-150				
N-MeFOSA	4.51	0.198	"	3.96		114	50-150				
N-EtFOSE	38.3	1.98	"	39.6		96.7	50-150				
N-EtFOSA	3.54	0.198	"	3.96		89.4	50-150				
Surrogate: M3PFBS	*2.23*		"	*2.31*		*96.7*	*25-150*				
Surrogate: M5PFHxA	*2.55*		"	*2.48*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.54*		"	*2.48*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.36*		"	*2.35*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M6PFDA	*1.22*		"	*1.24*		*98.4*	*25-150*				
Surrogate: M7PFUdA	*1.18*		"	*1.24*		*95.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS1)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.05*		*ug/kg wet*	*1.24*		*84.8*	*25-150*				
Surrogate: M2PFTeDA	*0.940*		*"*	*1.24*		*75.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.280*		*"*	*9.90*		*2.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.55*		*"*	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.91*		*"*	*4.95*		*58.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		*"*	*2.48*		*94.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.25*		*"*	*4.95*		*85.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.50*		*"*	*4.95*		*90.9*	*25-150*				
Surrogate: M2-6:2 FTS	*4.13*		*"*	*4.71*		*87.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.62*		*"*	*4.75*		*76.1*	*25-200*				
Surrogate: M9PFNA	*1.20*		*"*	*1.24*		*97.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.82*		*"*	*4.64*		*82.4*	*25-150*				
Surrogate: d-N-MeFOSA	*2.12*		*"*	*2.48*		*85.7*	*25-150*				
Surrogate: d-N-EtFOSA	*2.13*		*"*	*2.48*		*86.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.71*		*"*	*9.90*		*98.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.3*		*"*	*24.8*		*66.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.5*		*"*	*24.8*		*70.6*	*25-150*				
LCS (BA50651-BS2)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	0.320	0.176	ug/kg wet	0.351		91.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.391	0.198	"	0.397		98.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.395	0.198	"	0.397		99.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.408	0.182	"	0.363		112	50-150				
Perfluorooctanoic acid (PFOA)	0.319	0.198	"	0.397		80.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.363	0.185	"	0.369		98.3	50-150				
Perfluorononanoic acid (PFNA)	0.314	0.198	"	0.397		79.2	50-150				
Perfluorodecanoic acid (PFDA)	0.339	0.198	"	0.397		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	0.338	0.198	"	0.397		85.2	50-150				
Perfluorododecanoic acid (PFDoA)	0.427	0.198	"	0.397		108	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.462	0.198	"	0.397		117	50-150				
Perfluorotetradecanoic acid (PFTA)	0.305	0.198	"	0.397		77.0	50-150				
N-MeFOSAA	0.365	0.198	"	0.397		91.9	50-150				
N-EtFOSAA	0.370	0.198	"	0.397		93.2	50-150				
Perfluoropentanoic acid (PFPeA)	0.714	0.397	"	0.794		90.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.382	0.198	"	0.397		96.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.327	0.198	"	0.379		86.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.295	0.191	"	0.383		76.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.35	0.754	"	1.51		89.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.50	0.762	"	1.52		98.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	0.776	0.794	"	1.59		48.9	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.657	0.353	"	0.706		93.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.655	0.397	"	0.794		82.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0627	0.397	"	0.794		7.90	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.03	0.397	"	0.794		129	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.357	0.187	"	0.373		95.8	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS2)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.37	0.744	ug/kg wet	1.49		92.0	50-150				
HFPO-DA (Gen-X)	0.682	0.794	"	0.794		85.9	50-150				
11CL-PF3OUdS	0.574	0.750	"	0.750		76.5	50-150				
9CL-PF3ONS	0.766	0.742	"	0.742		103	50-150				
ADONA	0.738	0.750	"	0.750		98.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.207	0.192	"	0.385		53.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.337	0.190	"	0.381		88.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.934	0.992	"	1.59		58.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	7.47	4.96	"	7.94		94.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	8.03	4.96	"	7.94		101	50-150				
N-MeFOSE	4.22	1.98	"	3.97		106	50-150				
N-MeFOSA	0.430	0.198	"	0.397		108	50-150				
N-EtFOSE	3.94	1.98	"	3.97		99.2	50-150				
N-EtFOSA	0.521	0.198	"	0.397		131	50-150				
Surrogate: M3PFBS	*2.52*		"	*2.31*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.34*		"	*2.48*		*94.2*	*25-150*				
Surrogate: M4PFHpA	*2.54*		"	*2.48*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.68*		"	*2.35*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M6PFDA	*1.41*		"	*1.24*		*114*	*25-150*				
Surrogate: M7PFUdA	*1.39*		"	*1.24*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		"	*1.24*		*90.3*	*25-150*				
Surrogate: M2PFTeDA	*0.828*		"	*1.24*		*66.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.203*		"	*9.92*		*2.05*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		"	*2.38*		*98.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.37*		"	*4.96*		*47.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		"	*2.48*		*94.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.35*		"	*4.96*		*87.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.25*		"	*4.96*		*85.7*	*25-150*				
Surrogate: M2-6:2 FTS	*4.44*		"	*4.72*		*94.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.92*		"	*4.76*		*82.4*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.24*		*92.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.14*		"	*4.65*		*89.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		"	*2.48*		*77.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.81*		"	*2.48*		*73.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.58*		"	*9.92*		*96.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.7*		"	*24.8*		*59.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.8*		"	*24.8*		*67.9*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50472 - EPA 3510C											
Blank (BA50472-BLK1)											Prepared: 01/09/2025 Analyzed: 01/10/2025
Tentatively Identified Compounds	0.00		ug/L								
Batch BA50567 - EPA 3550C											
Blank (BA50567-BLK1)											Prepared: 01/10/2025 Analyzed: 01/13/2025
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA50641 - EPA 3550C											
Blank (BA50641-BLK1)											Prepared: 01/12/2025 Analyzed: 01/13/2025
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
Blank (BA50563-BLK1)									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0905*		*"*	*0.200*		*45.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0711*		*"*	*0.200*		*35.6*	*30-150*				
LCS (BA50563-BS1)									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	0.0630	0.00400	ug/L	0.100		63.0	40-140			20	
4,4'-DDE	0.0546	0.00400	"	0.100		54.6	40-140			20	
4,4'-DDT	0.0644	0.00400	"	0.100		64.4	40-140			20	
Aldrin	0.0400	0.00400	"	0.100		40.0	40-140			20	
alpha-BHC	0.0497	0.00400	"	0.100		49.7	40-140			20	
alpha-Chlordane	0.0490	0.00400	"	0.100		49.0	40-140			20	
beta-BHC	0.0572	0.00400	"	0.100		57.2	40-140			20	
delta-BHC	0.0575	0.00400	"	0.100		57.5	40-140			20	
Dieldrin	0.0543	0.00200	"	0.100		54.3	40-140			20	
Endosulfan I	0.0523	0.00400	"	0.100		52.3	40-140			20	
Endosulfan II	0.0619	0.00400	"	0.100		61.9	40-140			20	
Endosulfan sulfate	0.0655	0.00400	"	0.100		65.5	40-140			20	
Endrin	0.0614	0.00400	"	0.100		61.4	40-140			20	
Endrin aldehyde	0.0663	0.0100	"	0.100		66.3	40-140			20	
Endrin ketone	0.0668	0.0100	"	0.100		66.8	40-140			20	
gamma-BHC (Lindane)	0.0525	0.00400	"	0.100		52.5	40-140			20	
gamma-Chlordane	0.0515	0.0100	"	0.100		51.5	40-140			20	
Heptachlor	0.0499	0.00400	"	0.100		49.9	40-140			20	
Heptachlor epoxide	0.0495	0.00400	"	0.100		49.5	40-140			20	
Methoxychlor	0.0787	0.00400	"	0.100		78.7	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0851*		*"*	*0.200*		*42.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0647*		*"*	*0.200*		*32.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
LCS Dup (BA50563-BSD1)									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	0.0731	0.00400	ug/L	0.100		73.1	40-140		14.8	20	
4,4'-DDE	0.0632	0.00400	"	0.100		63.2	40-140		14.6	20	
4,4'-DDT	0.0778	0.00400	"	0.100		77.8	40-140		18.8	20	
Aldrin	0.0416	0.00400	"	0.100		41.6	40-140		3.80	20	
alpha-BHC	0.0524	0.00400	"	0.100		52.4	40-140		5.33	20	
alpha-Chlordane	0.0556	0.00400	"	0.100		55.6	40-140		12.6	20	
beta-BHC	0.0616	0.00400	"	0.100		61.6	40-140		7.38	20	
delta-BHC	0.0585	0.00400	"	0.100		58.5	40-140		1.82	20	
Dieldrin	0.0626	0.00200	"	0.100		62.6	40-140		14.2	20	
Endosulfan I	0.0598	0.00400	"	0.100		59.8	40-140		13.3	20	
Endosulfan II	0.0723	0.00400	"	0.100		72.3	40-140		15.4	20	
Endosulfan sulfate	0.0748	0.00400	"	0.100		74.8	40-140		13.3	20	
Endrin	0.0717	0.00400	"	0.100		71.7	40-140		15.5	20	
Endrin aldehyde	0.0746	0.0100	"	0.100		74.6	40-140		11.8	20	
Endrin ketone	0.0769	0.0100	"	0.100		76.9	40-140		14.0	20	
gamma-BHC (Lindane)	0.0556	0.00400	"	0.100		55.6	40-140		5.68	20	
gamma-Chlordane	0.0582	0.0100	"	0.100		58.2	40-140		12.0	20	
Heptachlor	0.0512	0.00400	"	0.100		51.2	40-140		2.64	20	
Heptachlor epoxide	0.0545	0.00400	"	0.100		54.5	40-140		9.52	20	
Methoxychlor	0.0922	0.00400	"	0.100		92.2	40-140		15.8	20	
Surrogate: Decachlorobiphenyl	*0.0995*		*"*	*0.200*		*49.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0692*		*"*	*0.200*		*34.6*	*30-150*				
Batch BA50627 - EPA 3550C											
Blank (BA50627-BLK1)									Prepared: 01/11/2025 Analyzed: 01/13/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0470*		*"*	*0.0664*		*70.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0432*		*"*	*0.0664*		*65.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50627 - EPA 3550C											
LCS (BA50627-BS1)									Prepared: 01/11/2025 Analyzed: 01/13/2025		
4,4'-DDD	0.0295	0.00164	mg/kg wet	0.0332		88.8	40-140				
4,4'-DDE	0.0300	0.00164	"	0.0332		90.3	40-140				
4,4'-DDT	0.0338	0.00164	"	0.0332		102	40-140				
Aldrin	0.0283	0.00164	"	0.0332		85.2	40-140				
alpha-BHC	0.0286	0.00164	"	0.0332		86.1	40-140				
alpha-Chlordane	0.0292	0.00164	"	0.0332		87.8	40-140				
beta-BHC	0.0311	0.00164	"	0.0332		93.7	40-140				
delta-BHC	0.0298	0.00164	"	0.0332		89.6	40-140				
Dieldrin	0.0290	0.00164	"	0.0332		87.2	40-140				
Endosulfan I	0.0300	0.00164	"	0.0332		90.2	40-140				
Endosulfan II	0.0320	0.00164	"	0.0332		96.3	40-140				
Endosulfan sulfate	0.0315	0.00164	"	0.0332		94.7	40-140				
Endrin	0.0325	0.00164	"	0.0332		97.7	40-140				
Endrin aldehyde	0.0316	0.00164	"	0.0332		95.3	40-140				
Endrin ketone	0.0319	0.00164	"	0.0332		95.9	40-140				
gamma-BHC (Lindane)	0.0288	0.00164	"	0.0332		86.5	40-140				
gamma-Chlordane	0.0292	0.00164	"	0.0332		88.0	40-140				
Heptachlor	0.0300	0.00164	"	0.0332		90.3	40-140				
Heptachlor epoxide	0.0288	0.00164	"	0.0332		86.7	40-140				
Methoxychlor	0.0366	0.00164	"	0.0332		110	40-140				
Surrogate: Decachlorobiphenyl	*0.0484*		*"*	*0.0664*		*72.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0547*		*"*	*0.0664*		*82.3*	*30-150*				
Matrix Spike (BA50627-MS1)	*Source sample: 25A0380-09 (SB003 (6 - 8FT))								Prepared: 01/11/2025 Analyzed: 01/13/2025		
4,4'-DDD	0.0283	0.00168	mg/kg dry	0.0339	ND	83.5	30-150				
4,4'-DDE	0.0296	0.00168	"	0.0339	ND	87.2	30-150				
4,4'-DDT	0.0315	0.00168	"	0.0339	ND	92.9	30-150				
Aldrin	0.0283	0.00168	"	0.0339	ND	83.3	30-150				
alpha-BHC	0.0277	0.00168	"	0.0339	ND	81.7	30-150				
alpha-Chlordane	0.0286	0.00168	"	0.0339	ND	84.4	30-150				
beta-BHC	0.0303	0.00168	"	0.0339	ND	89.2	30-150				
delta-BHC	0.0291	0.00168	"	0.0339	ND	85.9	30-150				
Dieldrin	0.0281	0.00168	"	0.0339	ND	83.0	30-150				
Endosulfan I	0.0294	0.00168	"	0.0339	ND	86.7	30-150				
Endosulfan II	0.0314	0.00168	"	0.0339	ND	92.7	30-150				
Endosulfan sulfate	0.0304	0.00168	"	0.0339	ND	89.7	30-150				
Endrin	0.0307	0.00168	"	0.0339	ND	90.4	30-150				
Endrin aldehyde	0.0295	0.00168	"	0.0339	ND	87.1	30-150				
Endrin ketone	0.0310	0.00168	"	0.0339	ND	91.4	30-150				
gamma-BHC (Lindane)	0.0275	0.00168	"	0.0339	ND	81.2	30-150				
gamma-Chlordane	0.0286	0.00168	"	0.0339	ND	84.2	30-150				
Heptachlor	0.0284	0.00168	"	0.0339	ND	83.8	30-150				
Heptachlor epoxide	0.0280	0.00168	"	0.0339	ND	82.5	30-150				
Methoxychlor	0.0335	0.00168	"	0.0339	ND	98.7	30-150				
Surrogate: Decachlorobiphenyl	*0.0475*		*"*	*0.0678*		*70.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0534*		*"*	*0.0678*		*78.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50627 - EPA 3550C											
Matrix Spike Dup (BA50627-MSD1)	*Source sample: 25A0380-09 (SB003 (6 - 8FT))								Prepared: 01/11/2025 Analyzed: 01/13/2025		
4,4'-DDD	0.0283	0.00168	mg/kg dry	0.0339	ND	83.3	30-150		0.264	30	
4,4'-DDE	0.0290	0.00168	"	0.0339	ND	85.5	30-150		1.95	30	
4,4'-DDT	0.0315	0.00168	"	0.0339	ND	92.8	30-150		0.0269	30	
Aldrin	0.0273	0.00168	"	0.0339	ND	80.6	30-150		3.33	30	
alpha-BHC	0.0271	0.00168	"	0.0339	ND	80.0	30-150		2.17	30	
alpha-Chlordane	0.0279	0.00168	"	0.0339	ND	82.3	30-150		2.53	30	
beta-BHC	0.0295	0.00168	"	0.0339	ND	86.8	30-150		2.72	30	
delta-BHC	0.0279	0.00168	"	0.0339	ND	82.4	30-150		4.19	30	
Dieldrin	0.0275	0.00168	"	0.0339	ND	81.0	30-150		2.36	30	
Endosulfan I	0.0286	0.00168	"	0.0339	ND	84.4	30-150		2.69	30	
Endosulfan II	0.0312	0.00168	"	0.0339	ND	92.0	30-150		0.736	30	
Endosulfan sulfate	0.0298	0.00168	"	0.0339	ND	87.8	30-150		2.08	30	
Endrin	0.0308	0.00168	"	0.0339	ND	90.9	30-150		0.568	30	
Endrin aldehyde	0.0287	0.00168	"	0.0339	ND	84.6	30-150		2.92	30	
Endrin ketone	0.0301	0.00168	"	0.0339	ND	88.9	30-150		2.81	30	
gamma-BHC (Lindane)	0.0270	0.00168	"	0.0339	ND	79.7	30-150		1.85	30	
gamma-Chlordane	0.0281	0.00168	"	0.0339	ND	82.9	30-150		1.63	30	
Heptachlor	0.0278	0.00168	"	0.0339	ND	81.8	30-150		2.38	30	
Heptachlor epoxide	0.0276	0.00168	"	0.0339	ND	81.3	30-150		1.47	30	
Methoxychlor	0.0341	0.00168	"	0.0339	ND	100	30-150		1.85	30	
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0678*		*72.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0550*		*"*	*0.0678*		*81.0*	*30-150*				
Batch BA50640 - EPA 3550C											
Blank (BA50640-BLK1)									Prepared: 01/12/2025 Analyzed: 01/13/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0503*		*"*	*0.0664*		*75.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0541*		*"*	*0.0664*		*81.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50640 - EPA 3550C											
LCS (BA50640-BS1)									Prepared: 01/12/2025 Analyzed: 01/13/2025		
4,4'-DDD	0.0316	0.00164	mg/kg wet	0.0332		95.1	40-140				
4,4'-DDE	0.0320	0.00164	"	0.0332		96.3	40-140				
4,4'-DDT	0.0367	0.00164	"	0.0332		110	40-140				
Aldrin	0.0280	0.00164	"	0.0332		84.3	40-140				
alpha-BHC	0.0298	0.00164	"	0.0332		89.6	40-140				
alpha-Chlordane	0.0310	0.00164	"	0.0332		93.2	40-140				
beta-BHC	0.0311	0.00164	"	0.0332		93.5	40-140				
delta-BHC	0.0278	0.00164	"	0.0332		83.6	40-140				
Dieldrin	0.0308	0.00164	"	0.0332		92.8	40-140				
Endosulfan I	0.0315	0.00164	"	0.0332		94.9	40-140				
Endosulfan II	0.0341	0.00164	"	0.0332		103	40-140				
Endosulfan sulfate	0.0329	0.00164	"	0.0332		99.0	40-140				
Endrin	0.0352	0.00164	"	0.0332		106	40-140				
Endrin aldehyde	0.0336	0.00164	"	0.0332		101	40-140				
Endrin ketone	0.0334	0.00164	"	0.0332		101	40-140				
gamma-BHC (Lindane)	0.0302	0.00164	"	0.0332		90.8	40-140				
gamma-Chlordane	0.0311	0.00164	"	0.0332		93.7	40-140				
Heptachlor	0.0320	0.00164	"	0.0332		96.2	40-140				
Heptachlor epoxide	0.0308	0.00164	"	0.0332		92.6	40-140				
Methoxychlor	0.0389	0.00164	"	0.0332		117	40-140				
Surrogate: Decachlorobiphenyl	*0.0575*		*"*	*0.0664*		*86.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0648*		*"*	*0.0664*		*97.5*	*30-150*				
Matrix Spike (BA50640-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/12/2025 Analyzed: 01/13/2025		
4,4'-DDD	0.0222	0.00171	mg/kg dry	0.0345	ND	64.2	30-150				
4,4'-DDE	0.0246	0.00171	"	0.0345	0.00192	65.6	30-150				
4,4'-DDT	0.0243	0.00171	"	0.0345	ND	70.5	30-150				
Aldrin	0.0229	0.00171	"	0.0345	ND	66.4	30-150				
alpha-BHC	0.0235	0.00171	"	0.0345	ND	68.1	30-150				
alpha-Chlordane	0.0236	0.00171	"	0.0345	ND	68.4	30-150				
beta-BHC	0.0250	0.00171	"	0.0345	ND	72.5	30-150				
delta-BHC	0.0184	0.00171	"	0.0345	ND	53.4	30-150				
Dieldrin	0.0237	0.00171	"	0.0345	ND	68.6	30-150				
Endosulfan I	0.0235	0.00171	"	0.0345	ND	68.1	30-150				
Endosulfan II	0.0244	0.00171	"	0.0345	ND	70.9	30-150				
Endosulfan sulfate	0.0223	0.00171	"	0.0345	ND	64.6	30-150				
Endrin	0.0244	0.00171	"	0.0345	ND	70.7	30-150				
Endrin aldehyde	0.0243	0.00171	"	0.0345	ND	70.4	30-150				
Endrin ketone	0.0238	0.00171	"	0.0345	ND	69.0	30-150				
gamma-BHC (Lindane)	0.0238	0.00171	"	0.0345	ND	68.9	30-150				
gamma-Chlordane	0.0234	0.00171	"	0.0345	ND	67.8	30-150				
Heptachlor	0.0240	0.00171	"	0.0345	ND	69.6	30-150				
Heptachlor epoxide	0.0240	0.00171	"	0.0345	ND	69.7	30-150				
Methoxychlor	0.0277	0.00171	"	0.0345	ND	80.4	30-150				
Surrogate: Decachlorobiphenyl	*0.0413*		*"*	*0.0690*		*59.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0396*		*"*	*0.0690*		*57.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50640 - EPA 3550C											
Matrix Spike Dup (BA50640-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/12/2025 Analyzed: 01/13/2025		
4,4'-DDD	0.0300	0.00171	mg/kg dry	0.0345	ND	86.9	30-150		30.0	30	
4,4'-DDE	0.0335	0.00171	"	0.0345	0.00192	91.5	30-150		30.8	30	Non-dir.
4,4'-DDT	0.0323	0.00171	"	0.0345	ND	93.8	30-150		28.4	30	
Aldrin	0.0313	0.00171	"	0.0345	ND	90.8	30-150		31.1	30	Non-dir.
alpha-BHC	0.0324	0.00171	"	0.0345	ND	94.0	30-150		32.0	30	Non-dir.
alpha-Chlordane	0.0319	0.00171	"	0.0345	ND	92.4	30-150		29.9	30	
beta-BHC	0.0334	0.00171	"	0.0345	ND	96.9	30-150		28.8	30	
delta-BHC	0.0255	0.00171	"	0.0345	ND	74.0	30-150		32.3	30	Non-dir.
Dieldrin	0.0320	0.00171	"	0.0345	ND	92.9	30-150		30.1	30	Non-dir.
Endosulfan I	0.0322	0.00171	"	0.0345	ND	93.4	30-150		31.3	30	Non-dir.
Endosulfan II	0.0327	0.00171	"	0.0345	ND	94.9	30-150		29.1	30	
Endosulfan sulfate	0.0297	0.00171	"	0.0345	ND	86.2	30-150		28.6	30	
Endrin	0.0331	0.00171	"	0.0345	ND	96.1	30-150		30.4	30	Non-dir.
Endrin aldehyde	0.0323	0.00171	"	0.0345	ND	93.6	30-150		28.3	30	
Endrin ketone	0.0317	0.00171	"	0.0345	ND	92.0	30-150		28.6	30	
gamma-BHC (Lindane)	0.0328	0.00171	"	0.0345	ND	95.0	30-150		31.8	30	Non-dir.
gamma-Chlordane	0.0318	0.00171	"	0.0345	ND	92.3	30-150		30.6	30	Non-dir.
Heptachlor	0.0327	0.00171	"	0.0345	ND	94.8	30-150		30.7	30	Non-dir.
Heptachlor epoxide	0.0326	0.00171	"	0.0345	ND	94.5	30-150		30.2	30	Non-dir.
Methoxychlor	0.0359	0.00171	"	0.0345	ND	104	30-150		25.8	30	
Surrogate: Decachlorobiphenyl	*0.0602*		*"*	*0.0690*		*87.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0576*		*"*	*0.0690*		*83.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
Blank (BA50563-BLK2)									Prepared & Analyzed: 01/10/2025		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0640*		*"*	*0.200*		*32.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0700*		*"*	*0.200*		*35.0*	*30-150*				
LCS (BA50563-BS2)									Prepared & Analyzed: 01/10/2025		
Aroclor 1016	0.514	0.0500	ug/L	1.00		51.4	40-120			20	
Aroclor 1260	0.601	0.0500	"	1.00		60.1	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0740*		*"*	*0.200*		*37.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0790*		*"*	*0.200*		*39.5*	*30-150*				
Batch BA50627 - EPA 3550C											
Blank (BA50627-BLK2)									Prepared: 01/11/2025 Analyzed: 01/12/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0495*		*"*	*0.0664*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0392*		*"*	*0.0664*		*59.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50627 - EPA 3550C											
LCS (BA50627-BS2)									Prepared: 01/11/2025 Analyzed: 01/12/2025		
Aroclor 1016	0.231	0.0166	mg/kg wet	0.332		69.5	40-130				
Aroclor 1260	0.223	0.0166	"	0.332		67.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0512*		*"*	*0.0664*		*77.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0389*		*"*	*0.0664*		*58.5*	*30-120*				
Matrix Spike (BA50627-MS2)	*Source sample: 25A0380-09 (SB003 (6 - 8FT))								Prepared: 01/11/2025 Analyzed: 01/12/2025		
Aroclor 1016	0.199	0.0169	mg/kg dry	0.339	ND	58.6	40-140				
Aroclor 1260	0.196	0.0169	"	0.339	ND	57.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0451*		*"*	*0.0678*		*66.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0356*		*"*	*0.0678*		*52.5*	*30-120*				
Matrix Spike Dup (BA50627-MSD2)	*Source sample: 25A0380-09 (SB003 (6 - 8FT))								Prepared: 01/11/2025 Analyzed: 01/12/2025		
Aroclor 1016	0.239	0.0169	mg/kg dry	0.339	ND	70.5	40-140		18.5	50	
Aroclor 1260	0.235	0.0169	"	0.339	ND	69.2	40-140		18.1	50	
Surrogate: Tetrachloro-m-xylene	*0.0526*		*"*	*0.0678*		*77.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0410*		*"*	*0.0678*		*60.5*	*30-120*				
Batch BA50640 - EPA 3550C											
Blank (BA50640-BLK2)									Prepared: 01/12/2025 Analyzed: 01/13/2025		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0638*		*"*	*0.0664*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0409*		*"*	*0.0664*		*61.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50640 - EPA 3550C											
LCS (BA50640-BS2)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Aroclor 1016	0.189	0.0166	mg/kg wet	0.332		56.8	40-130				
Aroclor 1260	0.187	0.0166	"	0.332		56.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0462*		"	*0.0664*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		"	*0.0664*		*52.0*	*30-120*				
Matrix Spike (BA50640-MS2)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared: 01/12/2025 Analyzed: 01/13/2025			
Aroclor 1016	0.237	0.0172	mg/kg dry	0.345	ND	68.7	40-140				
Aroclor 1260	0.277	0.0172	"	0.345	ND	80.4	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0876*		"	*0.0690*		*127*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0576*		"	*0.0690*		*83.5*	*30-120*				
Matrix Spike Dup (BA50640-MSD2)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared: 01/12/2025 Analyzed: 01/13/2025			
Aroclor 1016	0.135	0.0172	mg/kg dry	0.345	ND	39.2	40-140	Low Bias	54.6	50	Non-dir.
Aroclor 1260	0.178	0.0172	"	0.345	ND	51.5	40-140		43.8	50	
Surrogate: Tetrachloro-m-xylene	*0.0607*		"	*0.0690*		*88.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0410*		"	*0.0690*		*59.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50466 - EPA 3550C/8151A											
Blank (BA50466-BLK1)								Prepared: 01/09/2025 Analyzed: 01/11/2025			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.449*		*"*	*0.415*		*108*	*21-150*				
LCS (BA50466-BS1)								Prepared: 01/09/2025 Analyzed: 01/11/2025			
2,4,5-T	0.0706	0.0199	mg/kg wet	0.0664		106	10-120				
2,4,5-TP (Silvex)	0.0656	0.0199	"	0.0664		98.7	10-120				
2,4-D	0.0581	0.0199	"	0.0664		87.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.421*		*"*	*0.415*		*101*	*21-150*				
Batch BA50564 - EPA 3550C/8151A											
Blank (BA50564-BLK1)								Prepared: 01/10/2025 Analyzed: 01/12/2025			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.411*		*"*	*0.415*		*99.0*	*21-150*				
LCS (BA50564-BS1)								Prepared: 01/10/2025 Analyzed: 01/12/2025			
2,4,5-T	0.0831	0.0199	mg/kg wet	0.0664		125	10-120	High Bias			
2,4,5-TP (Silvex)	0.0806	0.0199	"	0.0664		121	10-120	High Bias			
2,4-D	0.0756	0.0199	"	0.0664		114	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.510*		*"*	*0.415*		*123*	*21-150*				
Matrix Spike (BA50564-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared: 01/10/2025 Analyzed: 01/12/2025			
2,4,5-T	0.0716	0.0207	mg/kg dry	0.0690	ND	104	10-120				
2,4,5-TP (Silvex)	0.0750	0.0207	"	0.0690	ND	109	10-120				
2,4-D	0.0690	0.0207	"	0.0690	ND	100	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.455*		*"*	*0.431*		*106*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50564 - EPA 3550C/8151A											
Matrix Spike Dup (BA50564-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/10/2025 Analyzed: 01/12/2025		
2,4,5-T	0.0690	0.0207	mg/kg dry	0.0690	ND	100	10-120		3.68	35	
2,4,5-TP (Silvex)	0.0698	0.0207	"	0.0690	ND	101	10-120		7.14	35	
2,4-D	0.0621	0.0207	"	0.0690	ND	90.0	10-118		10.5	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.445*		*"*	*0.431*		*103*	*21-150*				
Batch BA50675 - EPA 8151A											
Blank (BA50675-BLK1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*103*		*"*	*125*		*82.2*	*30-150*				
LCS (BA50675-BS1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
2,4,5-T	16.2	5.00	ug/L	20.0		81.2	10-140				
2,4,5-TP (Silvex)	15.5	5.00	"	20.0		77.5	10-139				
2,4-D	17.8	5.00	"	20.0		88.8	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*101*		*"*	*125*		*80.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50506 - EPA 3050B											
Blank (BA50506-BLK1)									Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BA50506-DUP1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	8360	4.32	mg/kg dry		7600				9.52	35	
Antimony	ND	2.16	"		ND					35	
Arsenic	2.72	1.30	"		2.21				20.4	35	
Barium	22.5	2.16	"		21.3				5.58	35	
Beryllium	0.239	0.044	"		0.215				10.7	35	
Cadmium	ND	0.260	"		ND					35	
Calcium	536	4.33	"		506				5.87	35	
Chromium	10.4	0.433	"		9.45				10.0	35	
Cobalt	2.97	0.346	"		2.76				7.25	35	
Copper	8.11	1.73	"		7.18				12.2	35	
Iron	6740	21.6	"		6140				9.21	35	
Lead	3.62	0.433	"		3.29				9.52	35	
Magnesium	1890	4.33	"		1790				5.48	35	
Manganese	72.6	0.433	"		69.1				4.91	35	
Nickel	5.84	0.862	"		5.38				8.17	35	
Potassium	654	4.33	"		650				0.691	35	
Selenium	ND	2.16	"		ND					35	
Silver	ND	0.436	"		ND					35	
Sodium	46.9	43.3	"		47.7				1.87	35	
Thallium	ND	2.16	"		ND					35	
Vanadium	21.3	0.862	"		18.7				12.8	35	
Zinc	16.7	2.15	"		15.7				5.76	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50506 - EPA 3050B											
Matrix Spike (BA50506-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	9150	4.32	mg/kg dry	173	7600	898	75-125	High Bias			
Antimony	7.98	2.16	"	21.6	ND	36.9	75-125	Low Bias			
Arsenic	181	1.30	"	173	2.21	103	75-125				
Barium	207	2.16	"	173	21.3	107	75-125				
Beryllium	4.82	0.044	"	4.33	0.215	106	75-125				
Cadmium	4.54	0.260	"	4.33	ND	105	75-125				
Calcium	694	4.33	"	86.5	506	217	75-125	High Bias			
Chromium	28.3	0.433	"	17.3	9.45	109	75-125				
Cobalt	48.1	0.346	"	43.3	2.76	105	75-125				
Copper	32.2	1.73	"	21.6	7.18	116	75-125				
Iron	6510	21.6	"	86.5	6140	426	75-125	High Bias			
Lead	49.2	0.433	"	43.3	3.29	106	75-125				
Magnesium	2150	4.33	"	86.5	1790	410	75-125	High Bias			
Manganese	122	0.433	"	43.3	69.1	122	75-125				
Nickel	50.9	0.862	"	43.3	5.38	105	75-125				
Potassium	776	4.33	"	86.5	650	147	75-125	High Bias			
Selenium	178	2.16	"	173	ND	103	75-125				
Silver	4.26	0.436	"	4.33	ND	98.6	75-125				
Sodium	141	43.3	"	86.5	47.7	108	75-125				
Thallium	182	2.16	"	173	ND	105	75-125				
Vanadium	61.5	0.862	"	43.3	18.7	99.0	75-125				
Zinc	61.4	2.15	"	43.3	15.7	106	75-125				
Post Spike (BA50506-PS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	89.2		ug/mL	2.00	87.8	66.4	75-125	Low Bias			
Antimony	0.258		"	0.250	-0.003	103	75-125				
Arsenic	2.09		"	2.00	0.026	103	75-125				
Barium	2.40		"	2.00	0.246	108	75-125				
Beryllium	0.056		"	0.0500	0.002	107	75-125				
Cadmium	0.052		"	0.0500	0.0001	104	75-125				
Calcium	6.85		"	1.00	5.84	100	75-125				
Chromium	0.318		"	0.200	0.109	105	75-125				
Cobalt	0.561		"	0.500	0.032	106	75-125				
Copper	0.357		"	0.250	0.083	109	75-125				
Iron	71.5		"	1.00	71.0	46.7	75-125	Low Bias			
Lead	0.559		"	0.500	0.038	104	75-125				
Magnesium	21.5		"	1.00	20.7	75.6	75-125				
Manganese	1.33		"	0.500	0.799	105	75-125				
Nickel	0.585		"	0.500	0.062	105	75-125				
Potassium	8.44		"	1.00	7.51	93.0	75-125				
Selenium	2.05		"	2.00	-0.001	103	75-125				
Silver	0.047		"	0.0500	-0.001	94.6	75-125				
Sodium	1.61		"	1.00	0.552	106	75-125				
Thallium	2.09		"	2.00	-0.005	104	75-125				
Vanadium	0.743		"	0.500	0.216	105	75-125				
Zinc	0.691		"	0.500	0.182	102	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50506 - EPA 3050B											
Reference (BA50506-SRM1)								Prepared: 01/09/2025 Analyzed: 01/10/2025			
Aluminum	7140	4.17	mg/kg wet	7680		92.9	35.7-119				
Antimony	78.9	2.08	"	244		32.3	0-125				
Arsenic	263	1.25	"	283		93.0	70-99.5				
Barium	330	2.08	"	326		101	73.9-107.1				
Beryllium	178	0.042	"	175		102	75.4-107.4				
Cadmium	91.0	0.250	"	95.8		95.0	72.3-103.7				
Calcium	5520	4.17	"	5470		101	79.5-113.2				
Chromium	229	0.417	"	239		95.9	72.4-106.3				
Cobalt	153	0.333	"	150		102	76-107.3				
Copper	225	1.67	"	217		104	74.6-105.1				
Iron	7370	20.8	"	7360		100	53-127.9				
Lead	214	0.417	"	210		102	75.7-109.5				
Magnesium	2090	4.17	"	2080		101	67.3-111.1				
Manganese	350	0.417	"	290		121	73.4-107.3	High Bias			
Nickel	326	0.830	"	329		99.2	74.5-106.7				
Potassium	2250	4.17	"	2330		96.4	60.9-111.6				
Selenium	301	2.08	"	281		107	77.6-115.7				
Silver	84.6	0.420	"	82.7		102	73.8-111.7				
Sodium	449	41.7	"	427		105	71.2-118.7				
Thallium	117	2.08	"	123		95.4	70.2-104.9				
Vanadium	184	0.830	"	192		96.0	68.8-107.8				
Zinc	254	2.08	"	260		97.8	72.7-109.2				
Batch BA50518 - EPA 3050B											
Blank (BA50518-BLK1)								Prepared: 01/09/2025 Analyzed: 01/10/2025			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	5.43	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50518 - EPA 3050B											
Duplicate (BA50518-DUP1)	*Source sample: 25A0380-13 (SB004 (6- 8 FT))								Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	1110	4.22	mg/kg dry		977				12.6	35	
Antimony	ND	2.11	"		ND					35	
Arsenic	ND	1.27	"		ND					35	
Barium	7.46	2.11	"		6.64				11.6	35	
Beryllium	0.066	0.043	"		ND					35	
Cadmium	ND	0.253	"		ND					35	
Calcium	108	4.22	"		77.8				32.2	35	
Chromium	2.06	0.422	"		1.97				4.61	35	
Cobalt	1.08	0.337	"		1.13				4.58	35	
Copper	3.40	1.69	"		2.89				16.1	35	
Iron	2550	21.1	"		2000				24.0	35	
Lead	1.25	0.422	"		1.17				6.27	35	
Magnesium	258	4.22	"		232				10.8	35	
Manganese	42.7	0.422	"		39.9				6.92	35	
Nickel	0.996	0.840	"		0.945				5.22	35	
Potassium	230	4.22	"		238				3.57	35	
Selenium	ND	2.11	"		ND					35	
Silver	ND	0.425	"		ND					35	
Sodium	ND	42.2	"		ND					35	
Thallium	ND	2.11	"		ND					35	
Vanadium	3.27	0.840	"		2.96				9.76	35	
Zinc	3.93	2.10	"		2.96				28.2	35	
Matrix Spike (BA50518-MS1)	*Source sample: 25A0380-13 (SB004 (6- 8 FT))								Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	1510	4.22	mg/kg dry	169	977	315	75-125	High Bias			
Antimony	14.7	2.11	"	21.1	ND	69.5	75-125	Low Bias			
Arsenic	178	1.27	"	169	ND	105	75-125				
Barium	193	2.11	"	169	6.64	110	75-125				
Beryllium	4.52	0.043	"	4.22	ND	107	75-125				
Cadmium	4.52	0.253	"	4.22	ND	107	75-125				
Calcium	224	4.22	"	84.4	77.8	174	75-125	High Bias			
Chromium	20.9	0.422	"	16.9	1.97	112	75-125				
Cobalt	46.9	0.337	"	42.2	1.13	108	75-125				
Copper	26.4	1.69	"	21.1	2.89	111	75-125				
Iron	3110	21.1	"	84.4	2000	NR	75-125	High Bias			
Lead	46.6	0.422	"	42.2	1.17	108	75-125				
Magnesium	526	4.22	"	84.4	232	349	75-125	High Bias			
Manganese	99.0	0.422	"	42.2	39.9	140	75-125	High Bias			
Nickel	46.2	0.840	"	42.2	0.945	107	75-125				
Potassium	456	4.22	"	84.4	238	258	75-125	High Bias			
Selenium	174	2.11	"	169	ND	103	75-125				
Silver	4.22	0.425	"	4.22	ND	100	75-125				
Sodium	116	42.2	"	84.4	ND	137	75-125	High Bias			
Thallium	182	2.11	"	169	ND	108	75-125				
Vanadium	49.4	0.840	"	42.2	2.96	110	75-125				
Zinc	47.6	2.10	"	42.2	2.96	106	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50518 - EPA 3050B											
Post Spike (BA50518-PS1)	*Source sample: 25A0380-13 (SB004 (6- 8 FT))								Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	13.4		ug/mL	2.00	11.6	90.7	75-125				
Antimony	0.257		"	0.250	-0.006	103	75-125				
Arsenic	2.03		"	2.00	0.008	101	75-125				
Barium	2.23		"	2.00	0.079	107	75-125				
Beryllium	0.053		"	0.0500	0.0005	105	75-125				
Cadmium	0.052		"	0.0500	0.00	104	75-125				
Calcium	1.96		"	1.00	0.922	104	75-125				
Chromium	0.234		"	0.200	0.023	105	75-125				
Cobalt	0.548		"	0.500	0.013	107	75-125				
Copper	0.305		"	0.250	0.034	108	75-125				
Iron	24.5		"	1.00	23.7	74.1	75-125	Low Bias			
Lead	0.538		"	0.500	0.014	105	75-125				
Magnesium	3.75		"	1.00	2.74	101	75-125				
Manganese	0.998		"	0.500	0.473	105	75-125				
Nickel	0.542		"	0.500	0.011	106	75-125				
Potassium	3.67		"	1.00	2.82	84.8	75-125				
Selenium	2.01		"	2.00	-0.006	100	75-125				
Silver	0.046		"	0.0500	-0.002	92.6	75-125				
Sodium	1.30		"	1.00	0.257	105	75-125				
Thallium	2.09		"	2.00	-0.005	104	75-125				
Vanadium	0.558		"	0.500	0.035	105	75-125				
Zinc	0.544		"	0.500	0.035	102	75-125				
Reference (BA50518-SRM1)									Prepared: 01/09/2025 Analyzed: 01/10/2025		
Aluminum	6470	4.17	mg/kg wet	7680		84.3	35.7-119				
Antimony	77.5	2.08	"	244		31.8	0-125				
Arsenic	233	1.25	"	283		82.4	70-99.5				
Barium	289	2.08	"	326		88.7	73.9-107.1				
Beryllium	155	0.042	"	175		88.6	75.4-107.4				
Cadmium	79.8	0.250	"	95.8		83.3	72.3-103.7				
Calcium	4940	4.17	"	5470		90.2	79.5-113.2				
Chromium	209	0.417	"	239		87.6	72.4-106.3				
Cobalt	134	0.333	"	150		89.5	76-107.3				
Copper	198	1.67	"	217		91.3	74.6-105.1				
Iron	6510	20.8	"	7360		88.4	53-127.9				
Lead	186	0.417	"	210		88.5	75.7-109.5				
Magnesium	1850	4.17	"	2080		88.7	67.3-111.1				
Manganese	245	0.417	"	290		84.3	73.4-107.3				
Nickel	287	0.830	"	329		87.2	74.5-106.7				
Potassium	2040	4.17	"	2330		87.7	60.9-111.6				
Selenium	260	2.08	"	281		92.7	77.6-115.7				
Silver	73.6	0.420	"	82.7		89.0	73.8-111.7				
Sodium	388	41.7	"	427		91.0	71.2-118.7				
Thallium	106	2.08	"	123		85.8	70.2-104.9				
Vanadium	165	0.830	"	192		86.0	68.8-107.8				
Zinc	224	2.08	"	260		86.3	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50645 - EPA 3050B											
Blank (BA50645-BLK1)											Prepared: 01/12/2025 Analyzed: 01/13/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BA50645-SRM1)											Prepared: 01/12/2025 Analyzed: 01/13/2025
Aluminum	5850	4.17	mg/kg wet	7680		76.2	35.7-119				
Antimony	60.2	2.08	"	244		24.7	0-125				
Arsenic	237	1.25	"	283		83.6	70-99.5				
Barium	296	2.08	"	326		90.8	73.9-107.1				
Beryllium	159	0.042	"	175		90.7	75.4-107.4				
Cadmium	79.3	0.250	"	95.8		82.8	72.3-103.7				
Calcium	5020	4.17	"	5470		91.8	79.5-113.2				
Chromium	220	0.417	"	239		92.2	72.4-106.3				
Cobalt	138	0.333	"	150		91.8	76-107.3				
Copper	204	1.67	"	217		93.9	74.6-105.1				
Iron	6110	20.8	"	7360		83.0	53-127.9				
Lead	186	0.417	"	210		88.5	75.7-109.5				
Magnesium	1790	4.17	"	2080		85.9	67.3-111.1				
Manganese	249	0.417	"	290		85.9	73.4-107.3				
Nickel	296	0.830	"	329		89.8	74.5-106.7				
Potassium	1890	4.17	"	2330		81.0	60.9-111.6				
Selenium	263	2.08	"	281		93.6	77.6-115.7				
Silver	72.0	0.420	"	82.7		87.1	73.8-111.7				
Sodium	391	41.7	"	427		91.5	71.2-118.7				
Thallium	106	2.08	"	123		85.9	70.2-104.9				
Vanadium	167	0.830	"	192		87.2	68.8-107.8				
Zinc	228	2.08	"	260		87.7	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50687 - EPA 3015A											
Blank (BA50687-BLK1)								Prepared & Analyzed: 01/13/2025			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA50687-BS1)								Prepared & Analyzed: 01/13/2025			
Aluminum	1.94		ug/mL	2.00		96.9	80-120				
Barium	2.04		"	2.00		102	80-120				
Calcium	1.14		"	1.00		114	80-120				
Chromium	0.205		"	0.200		102	80-120				
Cobalt	0.512		"	0.500		102	80-120				
Copper	0.264		"	0.250		105	80-120				
Iron	1.03		"	1.00		103	80-120				
Lead	0.492		"	0.500		98.4	80-120				
Magnesium	1.05		"	1.00		105	80-120				
Manganese	0.516		"	0.500		103	80-120				
Nickel	0.510		"	0.500		102	80-120				
Potassium	0.905		"	1.00		90.5	80-120				
Silver	0.0495		"	0.0500		99.0	80-120				
Sodium	1.34		"	1.00		134	80-120	High Bias			
Vanadium	0.496		"	0.500		99.3	80-120				
Zinc	0.495		"	0.500		99.0	80-120				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50686 - EPA 3015A											
Blank (BA50686-BLK1)										Prepared: 01/13/2025 Analyzed: 01/14/2025	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BA50686-BS1)										Prepared: 01/13/2025 Analyzed: 01/14/2025	
Antimony	39.0		ug/L	50.0		78.0	80-120	Low Bias			
Arsenic	43.0		"	50.0		86.1	80-120				
Beryllium	39.7		"	50.0		79.4	80-120	Low Bias			
Cadmium	40.1		"	50.0		80.3	80-120				
Selenium	53.1		"	50.0		106	80-120				
Thallium	44.0		"	50.0		88.0	80-120				
Duplicate (BA50686-DUP1)	*Source sample: 25A0380-18 (Equipment Blank 1/7/25)									Prepared: 01/13/2025 Analyzed: 01/14/2025	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA50686-MS1)	*Source sample: 25A0380-18 (Equipment Blank 1/7/25)									Prepared: 01/13/2025 Analyzed: 01/14/2025	
Antimony	38.6		ug/L	50.0	0.011	77.2	75-125				
Arsenic	45.5		"	50.0	0.320	90.3	75-125				
Beryllium	41.4		"	50.0	0.009	82.9	75-125				
Cadmium	39.2		"	50.0	0.038	78.4	75-125				
Selenium	47.8		"	50.0	-0.002	95.6	75-125				
Thallium	44.0		"	50.0	-0.041	87.9	75-125				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50628 - EPA 7473 soil											
Blank (BA50628-BLK1)								Prepared & Analyzed: 01/11/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA50628-DUP1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared & Analyzed: 01/11/2025			
Mercury	0.299	0.0311	mg/kg dry		0.0474				145	35	Non-dir.
Matrix Spike (BA50628-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared & Analyzed: 01/11/2025			
Mercury	0.512		mg/kg	0.500	0.0457	93.3	75-125				
Reference (BA50628-SRM1)								Prepared & Analyzed: 01/11/2025			
Mercury	23.997		mg/kg	24.9		96.4	64.7-118.5				
Batch BA50629 - EPA 7473 soil											
Blank (BA50629-BLK1)								Prepared: 01/11/2025 Analyzed: 01/13/2025			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA50629-SRM1)								Prepared: 01/11/2025 Analyzed: 01/13/2025			
Mercury	23.021		mg/kg	24.9		92.5	64.7-118.5				
Batch BA50666 - EPA SW846-7470A											
Blank (BA50666-BLK1)								Prepared & Analyzed: 01/13/2025			
Mercury	ND	0.0002	mg/L								
Blank (BA50666-BLK2)								Prepared & Analyzed: 01/13/2025			
Mercury	ND	0.0002	mg/L								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50666 - EPA SW846-7470A											
LCS (BA50666-BS1)								Prepared & Analyzed: 01/13/2025			
Mercury	0.0019344	0.0002	mg/L	0.00200		96.7	80-120				
LCS (BA50666-BS2)								Prepared & Analyzed: 01/13/2025			
Mercury	0.0019879	0.0002	mg/L	0.00200		99.4	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50421 - Analysis Preparation											
Blank (BA50421-BLK1)								Prepared & Analyzed: 01/08/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA50421-BS1)								Prepared & Analyzed: 01/08/2025			
Chromium, Hexavalent	0.516	0.0100	mg/L	0.500		103	85-115				
Batch BA50453 - EPA SW846-3060											
Blank (BA50453-BLK1)								Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA50453-DUP1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	ND	0.519	mg/kg dry		ND					35	
Matrix Spike (BA50453-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	16.0	0.519	mg/kg dry	20.8	ND	77.0	75-125				
Matrix Spike Dup (BA50453-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))							Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	15.9	0.519	mg/kg dry	20.8	ND	76.6	75-125		0.521	200	
Reference (BA50453-SRM1)								Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	104		mg/L	227		45.8	42.3-157.7				
Batch BA50465 - Analysis Preparation Soil											
Blank (BA50465-BLK1)								Prepared & Analyzed: 01/09/2025			
Cyanide, total	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50465 - Analysis Preparation Soil											
Duplicate (BA50465-DUP1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared & Analyzed: 01/09/2025		
Cyanide, total	ND	0.519	mg/kg dry		ND					15	
Matrix Spike (BA50465-MS1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared & Analyzed: 01/09/2025		
Cyanide, total	5.09	0.519	mg/kg dry	5.19	ND	98.0	79.6-107				
Matrix Spike Dup (BA50465-MSD1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared & Analyzed: 01/09/2025		
Cyanide, total	5.64	0.519	mg/kg dry	5.19	ND	109	79.6-107	High Bias	10.3	200	
Reference (BA50465-SRM1)									Prepared & Analyzed: 01/09/2025		
Cyanide, total	172		ug/mL	111		155	43.5-170				
Batch BA50477 - EPA SW846-3060											
Blank (BA50477-BLK1)									Prepared & Analyzed: 01/09/2025		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA50477-DUP1)	*Source sample: 25A0380-13 (SB004 (6- 8 FT))								Prepared & Analyzed: 01/09/2025		
Chromium, Hexavalent	ND	0.506	mg/kg dry		ND					35	
Matrix Spike (BA50477-MS1)	*Source sample: 25A0380-13 (SB004 (6- 8 FT))								Prepared & Analyzed: 01/09/2025		
Chromium, Hexavalent	17.9	0.506	mg/kg dry	20.2	ND	88.6	75-125				
Matrix Spike Dup (BA50477-MSD1)	*Source sample: 25A0380-13 (SB004 (6- 8 FT))								Prepared & Analyzed: 01/09/2025		
Chromium, Hexavalent	16.3	0.506	mg/kg dry	20.2	ND	80.6	75-125		9.46	200	
Reference (BA50477-SRM1)									Prepared & Analyzed: 01/09/2025		
Chromium, Hexavalent	241		mg/L	227		106	42.3-157.7				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50501 - Analysis Preparation Soil											
Blank (BA50501-BLK1)									Prepared & Analyzed: 01/09/2025		
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA50501-SRM1)									Prepared & Analyzed: 01/09/2025		
Cyanide, total	108		ug/mL	111		97.7	43.5-170				
Batch BA50596 - Analysis Preparation											
Blank (BA50596-BLK1)									Prepared & Analyzed: 01/10/2025		
Cyanide, total	ND	0.0100	mg/L								
LCS (BA50596-BS1)									Prepared & Analyzed: 01/10/2025		
Cyanide, total	0.0990	0.0100	mg/L	0.100		99.0	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50449 - % Solids Prep											
Duplicate (BA50449-DUP1)	*Source sample: 25A0380-02 (SB001(2 IN-24IN))								Prepared & Analyzed: 01/09/2025		
% Solids	95.3	0.100	%		96.3				1.04	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A0380-01	SB001 (O-2 IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-02	SB001(2 IN-24IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-03	SB001 (6-8 FT)	40mL Vial with Stir Bar-Cool 4° C
25A0380-04	SB002 (0-2IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-05	SB002 (2 IN -24 IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-06	SB002 (6 - 8 FT)	40mL Vial with Stir Bar-Cool 4° C
25A0380-07	SB003 (0- 2IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-08	SB003 (2 IN- 24IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-09	SB003 (6 - 8FT)	40mL Vial with Stir Bar-Cool 4° C
25A0380-10	SB00X	40mL Vial with Stir Bar-Cool 4° C
25A0380-11	SB004 (0- 2IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-12	SB004 (2 IN-24 IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-13	SB004 (6- 8 FT)	40mL Vial with Stir Bar-Cool 4° C
25A0380-14	SB005 (0- 2IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-15	SB005 (2 IN-24 IN)	40mL Vial with Stir Bar-Cool 4° C
25A0380-16	SB005 (6- 8FT)	40mL Vial with Stir Bar-Cool 4° C
25A0380-17	Field Blank 1/7/25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0380-18	Equipment Blank 1/7/25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0380-19	Trip Blank 1/7/25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: Received samples 25A0380-17 and 25A0380-18 Field and Equipment blank out of hold for Chromium,Hexavalent. Reached out to the Project Manager and anaylst to inform them. Was then told to create a Corrective Order. -ME 1/10/25

Revision Description: This data package has been revised to include 1,2,4,5-Tetrachlorobenzene data for SVOA MS/MSD and LCS QC.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 25A0380

Page 1 of 2

Report To:	Invoice To:
Company: H2M	Company:
Address: 290 Broad Hollow Rd Melville, NY	Address: Same
Phone.:	Phone.:
Contact: Steve Kaplan	Contact:
E-mail: SKaplan@h2m.com	E-mail:

YOUR Project Name / Number: ORFD 2301

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) | PFAS Standard 7-10 Day

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: DI	PFAS Method 1633	TCL VOCs +10 TICs 8260D	SVOCs +20 TICs 8270D	TAL Metals + Hex Chrome 6010D 7473	PCBs 8082A	TCL Pesticides 8081B	TCL Herbicides 8151A	Cyanide 9014/9010C	1,4-Dioxane 8270DSIM			Grab or Comp. G/C
SB001 (0-2")	1/7/25	850	S	S									2	X	X	X	X	X	X	X	X	X			G
SB001 (2"-24")		855	S	S									2	X	X	X	X	X	X	X	X	X			G
SB001 (2"-24") MS		856	S	S									2	X	X	X	X	X	X	X	X	X			G
SB001 (2"-24") MSD		857	S	S									2	X	X	X	X	X	X	X	X	X			G
SB001 (6-8ft)		858	S	S									2	X	X	X	X	X	X	X	X	X			G
SB002 (0-2")		928	S	S									2	X	X	X	X	X	X	X	X	X			G
SB002 (2"-24")		931	S	S									2	X	X	X	X	X	X	X	X	X			G
SB002 (6-8ft)		934	S	S									2	X	X	X	X	X	X	X	X	X			G
SB003 (0-2")		1015	S	S									2	X	X	X	X	X	X	X	X	X			G
SB003 (2"-24")		1022	S	S									2	X	X	X	X	X	X	X	X	X			G
SB003 (6-8ft)		1025	S	S									2	X	X	X	X	X	X	X	X	X			G
SB00X		1018	S	S									2	X	X	X	X	X	X	X	X	X			G
SB004 (0-2")		1045	S	S									2	X	X	X	X	X	X	X	X	X			G
SB004 (2"-24")		1050	S	S									2	X	X	X	X	X	X	X	X	X			G
SB004 (6-8ft)		1055	S	S									2	X	X	X	X	X	X	X	X	V			G

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
H2M	1/7/25 1430		1/7/25 1430		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
H2M	1/8/25 1230				
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
ABalyuk	1/8/25 19:10	ABalyuk	1/8/25 1230PM		1/8/25 19:10 12 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

YORK Project Number: 25A0380

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

Report To:	Invoice To:	YOUR Project Name / Number	Samples Collected From
Company:	Company:	ORFD 2301	NY X CT Other: (please specify)
Address:	Address:	PO Number	NJ PA
Phone:	Phone:		
Contact:	Contact:		
E-mail:	E-mail:		

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: DI	PFAS Method 1633	TCL VOCs + 10 TICs 8260D	SVOCs + 20 TICs 8270D	TAL Metals + Hex Chrome 6010D 7473A	PCB's 8082A	TCL Pesticides 8081B	TCL Herbicides 8151A	Cyanide 9014/9016C	1,4-Dioxane 8270D SIM			Grab or Comp. G/C
SB005 (0-2")	1/7/25	1405	S	5		1							2	X	X	X	X	X	X	X	X	X			G
SB005 (2'-4')		1408	S	5		1							2	X	X	X	X	X	X	X	X	X			G
SB005 (6-8ft)		1410	S	5		1							2	X	X	X	X	X	X	X	X	X			G
Field Blank 1/7/25		1145	FB	8	3		1		1					X	X	X	X	X	X	X	X	X			G
Equipment Blank 1/7/25		1200	EB	8	3		1		1					X	X	X	X	X	X	X	X	X			G
Trip Blank 1/7/25	↓	—	TB		2										X										G

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

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

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
H2M	1/7/25 1430	H2M	1/7/25 1430		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
H2M	1/8/25 1230				
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
	1/8/25 19:10		1/8/25 1230 PM		1/8/25 19:10 1.2 Degrees C

Technical Report

prepared for:

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Report Date: 01/16/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0469

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

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

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

Report Date: 01/16/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0469

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 09, 2025 and listed below. The project was identified as your project: **ORFD2301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25A0469-01	UIC001	Soil	01/08/2025	01/09/2025
25A0469-02	UIC002	Soil	01/08/2025	01/09/2025
25A0469-03	UIC003	Soil	01/08/2025	01/09/2025
25A0469-04	UIC004	Soil	01/08/2025	01/09/2025
25A0469-05	UIC005	Soil	01/08/2025	01/09/2025
25A0469-06	UIC006	Soil	01/08/2025	01/09/2025
25A0469-07	UIC007	Soil	01/08/2025	01/09/2025
25A0469-08	UIC008	Soil	01/08/2025	01/09/2025
25A0469-09	UIC009	Soil	01/08/2025	01/09/2025
25A0469-10	UIC010	Soil	01/08/2025	01/09/2025
25A0469-11	UIC00X	Soil	01/08/2025	01/09/2025
25A0469-12	Field Blank 010825	Water	01/08/2025	01/09/2025
25A0469-13	Equipment Blank 010825	Water	01/08/2025	01/09/2025
25A0469-14	Trip Blank 010825	Water	01/08/2025	01/09/2025

General Notes for York Project (SDG) No.: 25A0469

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 01/16/2025

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.0059**	J	mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/10/2025 22:30	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 13:36	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 13:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 13:36	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 13:36	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 13:36	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 13:36	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 13:36	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 13:36	SS

Sample Information

Client Sample ID: **UIC001** **York Sample ID:** **25A0469-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	**2-Methylnaphthalene**	**0.111**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	**Acenaphthene**	**0.141**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.195	0.391	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.354**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.391	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	**Benzo(a)anthracene**	**1.12**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
50-32-8	**Benzo(a)pyrene**	**1.33**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
205-99-2	**Benzo(b)fluoranthene**	**1.77**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
191-24-2	**Benzo(g,h,i)perylene**	**1.49**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
207-08-9	**Benzo(k)fluoranthene**	**1.50**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.289**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	**Carbazole**	**0.265**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
218-01-9	**Chrysene**	**2.06**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
53-70-3	**Dibenzo(a,h)anthracene**	**0.454**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
206-44-0	**Fluoranthene**	**2.73**		mg/kg dry	0.0489	0.0975	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 13:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.157**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.24**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**2.02**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**2.93**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.6 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*120 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.4 %*		*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/14/2025 08:42	01/15/2025 12:22	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0617	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.246**		ug/kg dry	0.145	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.154**	J	ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.872	0.884	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.878	0.893	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.931	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.414	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0721	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.692	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.707	0.931	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.362	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.286	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:21	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.738	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.711	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.811	2.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:21	AM

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*115 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*107 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*97.9 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*98.2 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*120 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*101 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*63.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*139 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*108 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*83.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*116 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*238 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*216 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*171 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*44.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*43.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.5 %*			*25-150*						

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
071940-30-2	**2,3-Dimethyl-6-(3-methyl-bu...**	**781**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:			
NA	**28-Nor-17 isomer RT19.21**	**793**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:			
NA	**Anthracene, 9-methyl- isome...**	**1400**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:			
NA	**Benzo[k]fluoranthene isomer...**	**1280**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
								Certifications:			

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 17:28	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 17:28	RJ NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 17:28	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 17:28	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 17:28	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 17:28	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0386	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 17:28	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	01/13/2025 08:48	01/13/2025 23:42	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:21	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*92.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9420**		mg/kg dry	4.90	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.36**		mg/kg dry	1.47	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**20.9**		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.329**		mg/kg dry	0.049	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.294	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**651**		mg/kg dry	4.91	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.491	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**4.81**		mg/kg dry	0.392	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**18.6**		mg/kg dry	1.96	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**6730**		mg/kg dry	24.5	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**11.3**		mg/kg dry	0.491	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1420**		mg/kg dry	4.91	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**56.7**		mg/kg dry	0.491	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**7.22**		mg/kg dry	0.977	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**574**		mg/kg dry	4.91	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.494	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	49.1	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	0.977	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**33.1**		mg/kg dry	2.44	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0449**		mg/kg dry	0.0353	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-47-6	o-Xylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	scb
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	scb
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
100-42-5	Styrene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-88-3	Toluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.036	1	EPA 8260D Certifications:	01/10/2025 12:21	01/10/2025 22:56 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/10/2025 22:56	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 14:05	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 14:05	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 14:05	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 14:05	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 14:05	SS

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.192	0.383	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	**Acenaphthene**	**0.279**		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
208-96-8	**Acenaphthylene**	**0.198**		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.384	0.768	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	**Anthracene**	**1.03**		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.384	0.768	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:05 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**9.33**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-32-8	**Benzo(a)pyrene**	**10.8**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
205-99-2	**Benzo(b)fluoranthene**	**13.8**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**12.4**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**12.7**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**1.60**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**19.1**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**4.09**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	**Dibenzofuran**	**0.110**	J	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**31.7**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.441**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**9.29**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**13.2**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**34.3**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*47.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.3 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/14/2025 08:42	01/16/2025 12:25	SS

Surrogate Recoveries	Result		Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*190 %*	S-08, S-HI	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.255	0.406	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.122	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.241	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.411	0.420	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.395	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.11**		ug/kg dry	0.383	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.434	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.584**		ug/kg dry	0.439	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**6.27**		ug/kg dry	0.455	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**2.00**		ug/kg dry	0.374	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**29.2**		ug/kg dry	0.287	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**2.42**		ug/kg dry	0.236	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.340	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.445	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.250	0.918	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.335	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.356	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.439	0.443	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.72	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.73	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.250	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.319	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.443	0.918	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.142	0.918	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.220	0.918	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.360	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.37	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.40	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.714	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.565	1.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.400	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.388	0.445	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.285	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 13:38	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.46	2.30	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.82	11.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.44	11.5	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.40	4.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.413	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.60	4.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.455	0.459	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 13:38	AM

	Surrogate Recoveries	Result	Flag	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*76.5 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*121 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*128 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*94.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*89.3 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*149 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*132 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*71.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.8 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.6 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*268 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*213 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*114 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*231 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*33.2 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*28.3 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*35.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.2 %*		*25-150*

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000203-64-5	**4H-Cyclopenta[def]phenanthr...**	**4850**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:			
NA	**9,10-Anthracenedione Isomer...**	**3760**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:			
NA	**Benzo[k]fluoranthene isomer...**	**14500**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:			
NA	**Fluoranthene, 2-methyl-isom...**	**1860**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:			
NA	**Phenanthrene, 1-methyl-isom... (01)**	**1790**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:			
NA	**Phenanthrene, 1-methyl-isom... (02)**	**1710**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:			
NA	**Pyrene, 1-methyl-isomer RT1...**	**1550**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
								Certifications:			

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0759	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.0 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0455	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0455	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0455	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:28	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*74.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16500**		mg/kg dry	9.64	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	4.82	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.63**		mg/kg dry	2.89	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**50.9**		mg/kg dry	4.81	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.609**		mg/kg dry	0.097	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.887**		mg/kg dry	0.579	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**4080**		mg/kg dry	9.64	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**33.8**		mg/kg dry	0.965	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**7.23**		mg/kg dry	0.771	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**115**		mg/kg dry	3.86	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**15500**		mg/kg dry	48.2	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**83.7**		mg/kg dry	0.965	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**3020**		mg/kg dry	9.65	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**108**		mg/kg dry	0.965	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**26.2**		mg/kg dry	1.92	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**1260**		mg/kg dry	9.65	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	4.82	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.972	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**341**		mg/kg dry	96.4	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	4.82	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**66.1**		mg/kg dry	1.92	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**596**		mg/kg dry	4.80	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.346**		mg/kg dry	0.0694	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.16	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.16	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	43.2		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.074	0.15	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**0.015**	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
591-78-6	2-Hexanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.056**	CCVE, QL-02	mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
74-95-3	Dibromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-20-9	Methyl acetate	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 14:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*129 %*	IS-LO	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1486-75-5	**cyclododecane isomer**	**18**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Decane dimethyl isomer**	**19**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Decane trimethyl isomer**	**24**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Dodecane methyl isomer**	**30**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Ethyldecane isomer**	**36**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Heptadecane tetramethyl isomer**	**34**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Octane dimethyl isomer**	**83**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**pentadecane isomer**	**27**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**tridecane isomer**	**32**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Undecane dimethyl isomer**	**53**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Undecane methyl isomer (01)**	**16**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB
NA	**Undecane methyl isomer (02)**	**23**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 14:47	SCB

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 14:35	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 14:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 14:35	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 14:35	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 14:35	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 14:35	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 14:35	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.109	0.218	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 14:35	SS

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.109	0.218	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.219	0.438	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.0961**	J	mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.438	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**0.682**		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**1.03**		mg/kg dry	0.0548	0.109	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	**Benzo(b)fluoranthene**	**1.59**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
191-24-2	**Benzo(g,h,i)perylene**	**0.967**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**1.33**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.157**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.156**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**1.50**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.222**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**2.56**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.0891**	J	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.924**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.05**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**2.13**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.7 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 12:57	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*110 %*	*39-127.5*

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.322**		ug/kg dry	0.0692	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.137	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**1.25**		ug/kg dry	0.234	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.225	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**14.5**		ug/kg dry	0.218	0.243	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.247	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.250	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.495**		ug/kg dry	0.213	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**1.50**		ug/kg dry	0.163	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.428**		ug/kg dry	0.135	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.193	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.253	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.142	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**1.39**		ug/kg dry	0.191	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.382**	PF-CCV-H	ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.980	0.993	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.986	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.142	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.252	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0810	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.205	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.777	0.980	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.794	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.406	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.321	0.977	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.227	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
79780-39-5	*** Perfluorododecanesulfonic acid (PFDoS)**	**1.17**		ug/kg dry	0.221	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.828	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.74	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.96	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.798	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.235	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.911	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*100 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*131 %*	*25-150*

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*49.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*34.6 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*144 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*106 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*75.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*103 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*230 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*204 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*118 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*185 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*35.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*31.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*33.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzo[e]pyrene isomer RT18.13**	**1180**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 14:35	SS

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:40	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:40	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:40	RJ

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-84-6	alpha-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ NELAC-NY10854,NJDEP-CT005
319-85-7	beta-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.216	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0433	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 18:40	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND	mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0260	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0260	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0260	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:35	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*83.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5370**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.75	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.62**		mg/kg dry	1.65	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**16.9**		mg/kg dry	2.74	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	**Beryllium**	**0.194**		mg/kg dry	0.055	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**626**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**8.24**		mg/kg dry	0.550	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.57**		mg/kg dry	0.439	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**15.5**		mg/kg dry	2.20	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**5440**		mg/kg dry	27.5	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**12.5**		mg/kg dry	0.550	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1130**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**41.6**		mg/kg dry	0.550	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**5.54**		mg/kg dry	1.10	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**409**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	55.0	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.7**		mg/kg dry	1.10	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**53.1**		mg/kg dry	2.74	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0396	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.660	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.660	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.8**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.068	0.14	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**0.012**	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.045**	CCVE, QL-02	mg/kg dry	0.0068	0.014	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0068	0.014	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04-
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*123 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Decahydro pentamethylnaphth... (01)**	**22**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB
NA	**Decahydro pentamethylnaphth... (02)**	**16**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB
NA	**Dodecane trimethyl isomer**	**23**	J	ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 15:13	SCB

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Hexadecane dimethyl isomer**	**28**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 15:13	SCB
								Certifications:			

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.130	0.259	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.130	0.259	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.130	0.259	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.130	0.259	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.130	0.259	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	**Acenaphthene**	**0.419**		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
208-96-8	**Acenaphthylene**	**0.116**	J	mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.260	0.519	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	**Anthracene**	**1.26**		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.260	0.519	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	**Benzo(a)anthracene**	**7.68**		mg/kg dry	0.650	1.30	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
50-32-8	**Benzo(a)pyrene**	**10.4**		mg/kg dry	0.650	1.30	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
205-99-2	**Benzo(b)fluoranthene**	**13.8**		mg/kg dry	0.650	1.30	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**9.19**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**12.2**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.927**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**1.79**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**19.0**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**3.37**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	**Dibenzofuran**	**0.211**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**31.2**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.843**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	**Indeno(1,2,3-cd)pyrene**	**7.45**		mg/kg dry	0.650	1.30	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	**Phenanthrene**	**15.8**		mg/kg dry	0.650	1.30	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
108-95-2	Phenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	**Pyrene**	**29.2**		mg/kg dry	0.650	1.30	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:03 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications:	01/14/2025 08:42 NELAC-NY10854	01/16/2025 12:42	SS

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*144 %*	S-08, S-HI	*39-127.5*

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.171	0.273	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**1.27**		ug/kg dry	0.0818	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.162	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**1.49**		ug/kg dry	0.276	0.282	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**21.7**		ug/kg dry	0.258	0.287	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.292	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.295	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**1.02**		ug/kg dry	0.306	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**10.7**		ug/kg dry	0.252	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**8.58**		ug/kg dry	0.193	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**7.08**		ug/kg dry	0.159	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
2355-31-9	**N-MeFOSAA**	**0.542**		ug/kg dry	0.228	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
2991-50-6	**N-EtFOSAA**	**0.814**		ug/kg dry	0.299	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.168	0.617	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.928**		ug/kg dry	0.225	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.239	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.755**	PF-CCV-H	ug/kg dry	0.295	0.298	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
27619-97-2	*** 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**1.48**		ug/kg dry	1.16	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**2.12**		ug/kg dry	1.17	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.215	0.550	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.298	0.617	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0957	0.617	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.148	0.617	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.242	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.918	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.939	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.480	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.380	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.269	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
79780-39-5	*** Perfluorododecanesulfonic acid (PFDoS)**	**1.91**		ug/kg dry	0.261	0.299	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.191	0.296	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.979	1.54	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.24	7.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.32	7.72	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.943	3.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
31506-32-8	*** N-MeFOSA**	**0.300**	J	ug/kg dry	0.278	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
1691-99-2	*** N-EtFOSE**	**3.87**		ug/kg dry	1.08	3.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.306	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:43	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*77.7 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*126 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*130 %*	*25-150*

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*81.5 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*53.0 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*17.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*35.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*156 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*106 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*66.5 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.8 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*238 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*181 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*183 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*31.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*24.0 %*	PFSu-L		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*25.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*30.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**11H-Benzo[b]fluorene isomer...**	**1070**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:			
NA	**Benzo[k]fluoranthene isomer...**	**4150**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:			
NA	**Fluoranthene, 2-methyl- iso...**	**1390**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:09	SS
								Certifications:			

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00328**		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	**4,4'-DDE**	**0.00693**		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
319-85-7	beta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	NELAC-NY10854,NJDEP-CT005		
76-44-8	Heptachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	**Methoxychlor**	**0.00295**	P	mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
8001-35-2	Toxaphene	ND		mg/kg dry	0.257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0513	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.8 %*	*30-150*

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:42	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:42	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:42	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*85.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8800**		mg/kg dry	6.52	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**11.0**		mg/kg dry	1.96	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**40.1**		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.339**		mg/kg dry	0.066	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**1.47**		mg/kg dry	0.391	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**2290**		mg/kg dry	6.52	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.653	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.95**		mg/kg dry	0.521	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**68.3**		mg/kg dry	2.61	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**10400**		mg/kg dry	32.6	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**53.0**		mg/kg dry	0.653	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1920**		mg/kg dry	6.53	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**63.9**		mg/kg dry	0.653	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**21.4**		mg/kg dry	1.30	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**724**		mg/kg dry	6.53	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.657	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**178**		mg/kg dry	65.2	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**73.7**		mg/kg dry	1.30	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**746**		mg/kg dry	3.25	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.154**		mg/kg dry	0.0470	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.783	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.983**		mg/kg dry	0.783	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**63.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	**2-Butanone**	**0.0080**		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	**Acetone**	**0.037**	ICVE, QL-02	mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	**Carbon disulfide**	**0.0036**	J	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/11/2025 00:15	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 15:38	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 15:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 15:38	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 15:38	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 15:38	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 15:38	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 15:38	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:38	SS

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.135	0.270	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	**Acenaphthene**	**0.116**	J	mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.270	0.541	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	**Anthracene**	**0.0993**	J	mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
1912-24-9	Atrazine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.270	0.541	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	**Benzo(a)anthracene**	**0.381**		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
50-32-8	**Benzo(a)pyrene**	**0.543**		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
205-99-2	**Benzo(b)fluoranthene**	**0.783**		mg/kg dry	0.0677	0.135	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**0.432**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**0.671**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.78**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.124**	J	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**0.832**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.153**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**1.54**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.277**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.404**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.04**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.23**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.9 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*111 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.2 %*		*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 13:32	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **UIC005** **York Sample ID:** **25A0469-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.182	0.290	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0870	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.172	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.416**		ug/kg dry	0.294	0.300	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.282	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.40**		ug/kg dry	0.274	0.305	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.310	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.313	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.764**		ug/kg dry	0.325	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**2.36**		ug/kg dry	0.268	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**12.9**		ug/kg dry	0.205	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**3.36**		ug/kg dry	0.169	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.243	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
2991-50-6	**N-EtFOSAA**	**0.397**		ug/kg dry	0.318	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.179	0.656	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.371**		ug/kg dry	0.240	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.254	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.313	0.317	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.23	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.24	1.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.179	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.228	0.584	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.317	0.656	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.102	0.656	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.158	0.656	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.258	0.309	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.976	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.998	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.510	1.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.404	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.286	1.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.277	0.318	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.204	0.315	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:59	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.04	1.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.44	8.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.46	8.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.00	3.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.295	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.14	3.28	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM
4151-50-2	* **N-EtFOSA**	**0.404**		ug/kg dry	0.325	0.328	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:59	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.4 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*140 %*	*25-150*

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*94.3 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*68.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*30.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*18.0 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*139 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*108 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*241 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*223 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*177 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*34.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*30.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.7 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*33.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**1,1'-Biphenyl isomer RT12.31**	**1180**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS
NA	**1-Cyclohexene isomer RT19.77**	**2160**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS
053584-60-4	**28-Nor-17.alpha.(H)-hopane ...**	**2160**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 15:38	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 NELAC-NY10854,NJDEP-CT005	01/14/2025 19:15	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 19:15	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 NELAC-NY10854,NJDEP-CT005	01/14/2025 19:15	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.267	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:15	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0534	5	EPA 8081B Certifications:	01/13/2025 08:48	01/14/2025 19:15	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.1 %*	*30-150*

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0323	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0323	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0323	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:50	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*82.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7470**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	3.42	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**8.29**		mg/kg dry	2.05	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**27.7**		mg/kg dry	3.41	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.264**		mg/kg dry	0.069	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.944**		mg/kg dry	0.410	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**2180**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**16.5**		mg/kg dry	0.684	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**6.47**		mg/kg dry	0.547	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**135**		mg/kg dry	2.74	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**8520**		mg/kg dry	34.2	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**49.0**		mg/kg dry	0.684	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2200**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**57.5**		mg/kg dry	0.684	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**15.9**		mg/kg dry	1.36	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**560**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	3.42	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.689	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**158**		mg/kg dry	68.4	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	3.42	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**31.9**		mg/kg dry	1.36	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**267**		mg/kg dry	3.41	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0566**		mg/kg dry	0.0492	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.821	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.821	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**60.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**0.014**	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.062**	CCVE, QL-02	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D Certifications:	01/11/2025 11:42	01/11/2025 15:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:42	01/11/2025 15:39	SCB

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:08	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 16:08	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:08	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 16:08	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 16:08	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:08	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:08	SS

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.118	0.235	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	**Acenaphthene**	**0.284**		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
208-96-8	**Acenaphthylene**	**0.0754**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.236	0.472	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	**Anthracene**	**0.860**		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.236	0.472	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:08 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	**Benzo(a)anthracene**	**4.83**		mg/kg dry	0.591	1.18	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
50-32-8	**Benzo(a)pyrene**	**4.64**		mg/kg dry	0.591	1.18	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
205-99-2	**Benzo(b)fluoranthene**	**5.62**		mg/kg dry	0.591	1.18	20	EPA 8270E Certifications:	01/13/2025 08:52	01/15/2025 12:34 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**4.71**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**4.78**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.259**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**1.15**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**8.89**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**1.80**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	**Dibenzofuran**	**0.129**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**16.8**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.448**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, CCVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3.68**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
78-59-1	Isophorone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**8.27**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
108-95-2	Phenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**15.8**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.9 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 13:48	SS
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.159	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0759	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.150	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.246	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.239	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.273	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.284	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.233	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.198**	J	ug/kg dry	0.179	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.147	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.212	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.278	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.156	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.209	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.273	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.07	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.08	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.156	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.199	0.510	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.276	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0888	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.137	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.225	0.269	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.852	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.871	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.445	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.352	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.249	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.242	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.178	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.908	1.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.00	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.15	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.875	2.86	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.998	2.86	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.284	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.9 %*	*25-150*

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*92.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*87.0 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*134 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*113 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*101 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*118 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*132 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*161 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*65.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.4 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000949-41-7	**1H-Cyclopropa[l]phenanthren...**	**956**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:			
053584-60-4	**28-Nor-17.alpha.(H)-hopane ...**	**1410**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:			
000203-64-5	**4H-Cyclopenta[def]phenanthr...**	**2480**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:			
NA	**9,10-Anthracenedione Isomer...**	**2130**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:			
NA	**Benzo[k]fluoranthene isomer...**	**7360**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:			
NA	**Des-d-dammaran-13-one isome...**	**1450**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:			
NA	**Fluoranthene, 2-methyl- iso...**	**961**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
								Certifications:			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
319-84-6	alpha-BHC	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 NELAC-NY10854,NJDEP-CT005	01/14/2025 21:22	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
319-86-8	delta-BHC	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 21:22	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
72-20-8	Endrin	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 NELAC-NY10854,NJDEP-CT005	01/14/2025 21:22	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
72-43-5	Methoxychlor	ND		mg/kg dry	0.00235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
8001-35-2	Toxaphene	ND		mg/kg dry	0.235	5	EPA 8081B Certifications:	01/14/2025 07:26 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 21:22	scb
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0471	5	EPA 8081B Certifications:	01/14/2025 07:26	01/14/2025 21:22	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-150*

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.9 %*		*30-150*						

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
							Certifications:			

CAS No.	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0282	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0282	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0282	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:57	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

CAS No.	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*94.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4640**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.26**		mg/kg dry	1.79	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**17.2**		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.160**		mg/kg dry	0.060	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.358	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1510**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**9.40**		mg/kg dry	0.597	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**3.17**		mg/kg dry	0.477	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**25.2**		mg/kg dry	2.39	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**5040**		mg/kg dry	29.8	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**17.6**		mg/kg dry	0.597	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1210**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**40.1**		mg/kg dry	0.597	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**9.59**		mg/kg dry	1.19	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**361**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.601	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**134**		mg/kg dry	59.7	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**39.0**		mg/kg dry	1.19	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**64.7**		mg/kg dry	2.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.193**		mg/kg dry	0.0430	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.716	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.716	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.8**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/11/2025 00:41	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:38	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 16:38	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:38	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 16:38	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 16:38	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:38	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:38	SS

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	**Anthracene**	**0.106**		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.369	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	**Benzo(a)anthracene**	**0.681**		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
50-32-8	**Benzo(a)pyrene**	**1.16**		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
205-99-2	**Benzo(b)fluoranthene**	**1.52**		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	**Benzo(g,h,i)perylene**	**0.989**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
207-08-9	**Benzo(k)fluoranthene**	**1.17**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0855**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
105-60-2	Caprolactam	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.157**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
218-01-9	**Chrysene**	**1.50**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
53-70-3	**Dibenzo(a,h)anthracene**	**0.218**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	**Fluoranthene**	**2.34**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
86-73-7	**Fluorene**	**0.0486**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.918**		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	**Phenanthrene**	**0.885**		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	**Pyrene**	**2.01**		mg/kg dry	0.0462	0.0922	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 16:38	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.4 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications:	01/10/2025 09:02 NELAC-NY10854	01/13/2025 16:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0625**	J	ug/kg dry	0.0592	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.260**		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.837**		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**1.22**		ug/kg dry	0.140	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**1.50**		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.233**	J	ug/kg dry	0.122	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.838	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.844	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0693	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.665	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.679	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.708	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.683	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.779	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.6 %*	*25-150*

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*77.5 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*51.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*87.0 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*121 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*109 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*105 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*136 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*139 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*175 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*202 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*130 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*47.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*37.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzo[a]pyrene isomer RT18.14**	**1140**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:38	SS
								Certifications:			

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00214**	P	mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 NELAC-NY10854,NJDEP-CT005	01/15/2025 10:16	RJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854	01/15/2025 10:16	RJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 NELAC-NY10854,NJDEP-CT005	01/15/2025 10:16	RJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:16	RJ
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:16	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:04	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4250**		mg/kg dry	4.66	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**2.70**		mg/kg dry	1.40	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**35.9**		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.189**		mg/kg dry	0.047	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**0.429**		mg/kg dry	0.280	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**662**		mg/kg dry	4.67	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**8.00**		mg/kg dry	0.467	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.81**		mg/kg dry	0.373	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**39.8**		mg/kg dry	1.87	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**7680**		mg/kg dry	23.3	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**21.4**		mg/kg dry	0.467	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**959**		mg/kg dry	4.67	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**133**		mg/kg dry	0.467	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**8.56**		mg/kg dry	0.929	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**573**		mg/kg dry	4.67	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	46.7	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.6**		mg/kg dry	0.929	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**140**		mg/kg dry	2.32	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0587**		mg/kg dry	0.0336	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	**2-Butanone**	**0.015**		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	**Acetone**	**0.053**	ICVE, QL-02	mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/11/2025 01:07	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:07	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:07	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:07	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:07	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:07	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:07	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:07	SS

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.8 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications:	01/10/2025 09:02	01/13/2025 16:38 NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **UIC008** **York Sample ID:** **25A0469-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0619	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.227	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.171	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**1.12**	PF-CC V-H	ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.876	0.888	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.882	0.897	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.934	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.416	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0724	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.467	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.695	0.876	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.710	0.934	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.363	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.740	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.714	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.814	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*138 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*130 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*123 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.0 %*	*25-150*

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*80.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*71.8 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*118 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*124 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*111 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*142 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*122 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*182 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*135 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*42.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 17:07	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:33	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:33	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:33	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:33	RJ

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ NELAC-NY10854,NJDEP-CT005
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0383	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:33	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:11	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*93.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5020**		mg/kg dry	4.90	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.45	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.49**		mg/kg dry	1.47	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**22.8**		mg/kg dry	2.45	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.148**		mg/kg dry	0.049	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.294	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**681**		mg/kg dry	4.91	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**8.67**		mg/kg dry	0.491	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.27**		mg/kg dry	0.392	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**43.3**		mg/kg dry	1.96	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**6160**		mg/kg dry	24.5	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**6.55**		mg/kg dry	0.491	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1290**		mg/kg dry	4.91	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**48.2**		mg/kg dry	0.491	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**4.86**		mg/kg dry	0.977	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**553**	B	mg/kg dry	4.91	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.494	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**66.0**		mg/kg dry	49.1	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**13.9**		mg/kg dry	0.977	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**19.9**		mg/kg dry	2.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0353	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/11/2025 01:34	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:37	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:37	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:37	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:37	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:37	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 17:37	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 17:37	SS

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 17:37 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.9 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/10/2025 09:02	01/13/2025 16:55 NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **UIC009** **York Sample ID:** **25A0469-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0578	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.653**	PF-CC V-H	ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.819	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.824	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.649	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.692	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.667	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.761	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*124 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*107 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.6 %*	*25-150*

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*74.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*7.49 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*116 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*92.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*102 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*112 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*122 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.4 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*48.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 17:37	SS

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:54	RJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:54	RJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:54	RJ
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 10:54	RJ

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ NELAC-NY10854,NJDEP-CT005
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B Certifications:	01/13/2025 08:48	01/15/2025 10:54	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:18	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:18	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:18	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*93.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2420**		mg/kg dry	4.57	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.37	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.7**		mg/kg dry	2.28	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.108**		mg/kg dry	0.046	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**220**		mg/kg dry	4.58	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**4.18**		mg/kg dry	0.458	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**1.09**		mg/kg dry	0.366	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**27.6**		mg/kg dry	1.83	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**3610**		mg/kg dry	22.9	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**4.10**		mg/kg dry	0.458	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**559**		mg/kg dry	4.58	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**24.4**		mg/kg dry	0.458	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**2.10**		mg/kg dry	0.911	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**246**	B	mg/kg dry	4.58	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	45.8	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**6.98**		mg/kg dry	0.911	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**12.3**		mg/kg dry	2.28	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0539**		mg/kg dry	0.0329	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.549	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.549	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	scb
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	scb
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	scb

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/11/2025 02:00	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 18:06	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 18:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 18:06	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 18:06	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 18:06	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	01/13/2025 08:52	01/14/2025 18:06	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/13/2025 08:52	01/14/2025 18:06	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:52	01/14/2025 18:06	SS

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*105 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.2 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/10/2025 09:02	01/13/2025 17:13 NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*124 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0566	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.33**		ug/kg dry	0.178	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.171**	J	ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.800	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.806	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CC V-L	ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0662	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.854	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.332	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.807	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
79780-39-5	*** Perfluorododecanesulfonic acid (PFDoS)**	**0.185**	J, PF-LCS-L	ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.677	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.744	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*87.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*96.2 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.6 %*	*25-150*

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*63.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*76.1 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*108 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*98.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*74.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*140 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*93.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*43.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:06	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:34	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:34	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:34	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 15:34	scb

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb NELAC-NY10854,NJDEP-CT005
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb NELAC-NY10854,NJDEP-CT005
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 15:34	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:25	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:25	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:25	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*88.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4060**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**1.49**		mg/kg dry	1.33	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**11.9**		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.165**		mg/kg dry	0.045	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**346**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**3.76**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**2.80**		mg/kg dry	0.355	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**10.3**		mg/kg dry	1.78	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**7030**		mg/kg dry	22.2	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**2.80**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1170**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**165**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**3.02**		mg/kg dry	0.884	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**291**	B	mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	44.4	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**8.80**		mg/kg dry	0.884	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**11.1**		mg/kg dry	2.21	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UIC00X **York Sample ID:** 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	**2-Butanone**	**0.031**		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**0.088**	ICVE, QL-02	mg/kg dry	0.0070	0.014	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0070	0.014	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/10/2025 12:21	01/11/2025 02:26	scb

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 18:36	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 18:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 18:36	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 18:36	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 18:36	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,PADEP-68-04440	01/14/2025 18:36	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 18:36	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS
91-57-6	**2-Methylnaphthalene**	**0.0857**	J	mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/14/2025 18:36	SS
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 18:36	SS

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
83-32-9	**Acenaphthene**	**0.344**		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
208-96-8	**Acenaphthylene**	**0.0857**	J	mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
98-86-2	Acetophenone	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		mg/kg dry	0.259	0.517	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-12-7	**Anthracene**	**0.759**		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	SS
1912-24-9	Atrazine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		mg/kg dry	0.259	0.517	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	SS
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.05**		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
105-60-2	Caprolactam	ND		mg/kg dry	0.129	0.258	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	**Carbazole**	**1.13**		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
53-70-3	**Dibenzo(a,h)anthracene**	**2.00**		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
132-64-9	**Dibenzofuran**	**0.133**		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	**Fluorene**	**0.585**		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E Certifications:	01/13/2025 08:52	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*28.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*27.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.4 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM Certifications:	01/10/2025 09:02	01/13/2025 17:31 NELAC-NY10854	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.174	0.277	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NJDEP-NY037	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.607**		ug/kg dry	0.0829	0.313	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.164	0.313	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.852**		ug/kg dry	0.280	0.286	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NJDEP-NY037	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.269	0.313	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**17.8**		ug/kg dry	0.261	0.291	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.296	0.313	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.299	0.313	1	EPA 1633 Draft 3 Certifications:	01/14/2025 09:30	01/16/2025 13:48 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	AM

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.310	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**4.21**		ug/kg dry	0.255	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**8.37**		ug/kg dry	0.196	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**5.30**		ug/kg dry	0.161	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.232	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
2991-50-6	**N-EtFOSAA**	**0.351**		ug/kg dry	0.304	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.171	0.626	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.558**		ug/kg dry	0.228	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.243	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.637**		ug/kg dry	0.299	0.302	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
27619-97-2	*** 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**1.87**		ug/kg dry	1.17	1.19	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**2.57**		ug/kg dry	1.18	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.171	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.218	0.557	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.302	0.626	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0970	0.626	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.150	0.626	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.246	0.294	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.931	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.951	1.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.487	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.385	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM

Sample Information

Client Sample ID: **UIC00X** **York Sample ID:** **25A0469-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
919005-14-4	* ADONA	ND		ug/kg dry	0.272	1.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
79780-39-5	*** Perfluorododecanesulfonic acid (PFDoS)**	**3.19**	PF-LCS-L	ug/kg dry	0.264	0.304	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.194	0.300	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 13:48	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.992	1.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.28	7.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.35	7.82	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.956	3.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.282	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
1691-99-2	*** N-EtFOSE**	**2.06**	J	ug/kg dry	1.09	3.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.310	0.313	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 13:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*78.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*99.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*80.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*29.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*18.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*89.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*76.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*99.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*207 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*168 %*		*25-200*

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*30.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*28.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*87.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*32.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*44.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**1,1'-Biphenyl isomer RT12.33**	**1440**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS
000203-64-5	**4H-Cyclopenta[def]phenanthr...**	**3290**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS
NA	**9,10-Anthracenedione Isomer...**	**2230**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS
NA	**Benzo[k]fluoranthene isomer...**	**9000**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS
NA	**Des-d-dammaran-13-one isome...**	**1560**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS
NA	**Fluoranthene, 2-methyl- iso...**	**1270**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS
NA	**Phenanthrene isomer RT11.00**	**1050**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS
NA	**Phenanthrene isomer RT11.05**	**1150**	J	ug/kg dry			2	EPA 8270D Certifications:	01/13/2025 08:52	01/14/2025 18:36	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
309-00-2	Aldrin	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 NELAC-NY10854,NJDEP-CT005	01/13/2025 16:05	scb
319-85-7	beta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
319-86-8	delta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
60-57-1	Dieldrin	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
959-98-8	Endosulfan I	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854	01/13/2025 16:05	scb
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
72-20-8	Endrin	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 NELAC-NY10854,NJDEP-CT005	01/13/2025 16:05	scb
76-44-8	Heptachlor	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
72-43-5	Methoxychlor	ND		mg/kg dry	0.00255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
8001-35-2	Toxaphene	ND		mg/kg dry	0.255	5	EPA 8081B Certifications:	01/12/2025 07:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 16:05	scb
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0510	5	EPA 8081B Certifications:	01/12/2025 07:29	01/13/2025 16:05	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:47	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*96.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8160**		mg/kg dry	6.52	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	3.26	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**11.1**		mg/kg dry	1.96	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**37.9**		mg/kg dry	3.25	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.313**		mg/kg dry	0.066	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	**Cadmium**	**1.03**		mg/kg dry	0.391	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**2230**		mg/kg dry	6.52	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**27.3**		mg/kg dry	0.653	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.82**		mg/kg dry	0.521	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**58.1**		mg/kg dry	2.61	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**9200**		mg/kg dry	32.6	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**84.7**		mg/kg dry	0.653	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1810**		mg/kg dry	6.53	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**57.2**		mg/kg dry	0.653	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**15.8**		mg/kg dry	1.30	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**539**	B	mg/kg dry	6.53	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	3.26	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.657	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**144**		mg/kg dry	65.2	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.56	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**44.2**		mg/kg dry	1.30	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**434**		mg/kg dry	3.25	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: UIC00X **York Sample ID:** 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.207**		mg/kg dry	0.0469	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.782	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.782	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**63.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND	QL-02	ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	**Bromodichloromethane**	**1.41**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	**Chloroform**	**15.0**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09	PD
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND	QL-02	ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/10/2025 08:00	01/10/2025 12:09	PD

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 15:41	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 15:41	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 15:41	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:41	SS

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	QL-02	ug/L	5.00	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.8 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	AAK
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AAK

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 15:16	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 15:16	AAK
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 15:16	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 15:16	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
98-95-3	Nitrobenzene	ND	ICVE, QL-02, CCVE	ug/L	0.250	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 15:16	AAK
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 15:16	AAK
87-86-5	Pentachlorophenol	ND	CCVE, QL-02	ug/L	0.250	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 15:16	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 15:16	AAK

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	01/14/2025 08:33 NJDEP-CT005,NELAC-NY10854	01/14/2025 14:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.449	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.783	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.496	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.706	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.659	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.754	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.983	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.869	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.315	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.477	3.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:11	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:11	AM

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.239	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:11	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:11	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.725	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.668	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
919005-14-4	ADONA	ND		ng/L	0.506	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.888	1.85	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.821	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:11	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.77	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.00	23.9	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.04	23.9	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:11	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*116 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*124 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*	*25-150*

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*112 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.1 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.12 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*75.8 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*105 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*109 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*116 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*94.3 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*102 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*84.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 15:41	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:18	RJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:18	RJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:18	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:18	RJ

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:18	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

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

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

12674-11-2	Aroclor 1016	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND	ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*56.0 %*	*30-150*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*32.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:33	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*78.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.0952**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.242**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.627**	M-BS	mg/L	0.556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**1.43**	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/14/2025 10:40	01/14/2025 10:40	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/09/2025 19:24	01/09/2025 21:22	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/10/2025 14:48	01/10/2025 18:30	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Equipment Blank 010825 **York Sample ID:** 25A0469-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND	QL-02	ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	**Bromodichloromethane**	**0.890**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**8.88**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND	QL-02	ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 12:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/10/2025 08:00	01/10/2025 12:37	PD

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:11	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:11	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/14/2025 16:11	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 16:11	SS

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	QL-02	ug/L	5.00	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.9 %*		*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.9 %*		*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.4 %*		*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.7 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*35.5 %*	S-08	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.3 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/13/2025 08:33	01/14/2025 15:46	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Equipment Blank 010825 **York Sample ID:** 25A0469-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:33	01/14/2025 15:46	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:33	01/14/2025 15:46	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/13/2025 08:33	01/14/2025 15:46	AAK
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/13/2025 08:33	01/14/2025 15:46	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/13/2025 08:33	01/14/2025 15:46	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:33	01/14/2025 15:46	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:33	01/14/2025 15:46	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE, QL-02	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/13/2025 08:33	01/14/2025 15:46	AAK
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/13/2025 08:33	01/14/2025 15:46	AAK
87-86-5	Pentachlorophenol	ND	CCVE, QL-02	ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/13/2025 08:33	01/14/2025 15:46	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:33	01/14/2025 15:46	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/13/2025 08:33	01/14/2025 15:46	AAK

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	01/14/2025 08:33	01/14/2025 14:28	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.515	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.384	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.778	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.745	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.460	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.899	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.570	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.822	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.24	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.964	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.811	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.756	2.19	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.866	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
2991-50-6	N-EtFOSAA	ND		ng/L	1.13	2.19	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.252	4.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.964	2.19	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.997	2.09	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.45	2.12	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	8.22	8.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.25	8.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.362	8.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.548	3.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:27	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.35	4.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:27	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.274	4.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:27	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.406	4.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/12/2025 10:45	01/15/2025 02:27	AM

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.833	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.96	8.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.54	8.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.51	8.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.767	8.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
919005-14-4	ADONA	ND		ng/L	0.581	8.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.02	2.13	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.943	2.10	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/12/2025 10:45	01/15/2025 02:27	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.22	5.48	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	8.03	27.4	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	10.4	27.4	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM
24448-09-7	* N-MeFOSE	ND		ng/L	4.37	21.9	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.73	2.19	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM
1691-99-2	* N-EtFOSE	ND		ng/L	4.37	21.9	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.97	2.19	1	EPA 1633 Draft 3 Certifications:	01/12/2025 10:45	01/15/2025 02:27	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*104 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*88.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.71 %*	PFSu-L	*25-150*

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*102 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*72.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*97.4 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*96.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/13/2025 08:33	01/14/2025 16:11	SS

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:35	RJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:35	RJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:35	RJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:35	RJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:35	RJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:35	RJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/11/2025 02:35	RJ

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	RJ
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35	RJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/10/2025 08:49	01/11/2025 02:35	RJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/10/2025 08:49	01/11/2025 00:46	NF

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.5 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*25.5 %*	S-08, S-GC	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A Certifications:	01/13/2025 08:25	01/14/2025 12:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A Certifications:	01/13/2025 08:25	01/14/2025 12:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A Certifications:	01/13/2025 08:25	01/14/2025 12:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*96.8 %*		*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/14/2025 08:46	01/14/2025 14:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/14/2025 08:46	01/14/2025 14:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR
7440-70-2	**Calcium**	**0.143**		mg/L	0.0556	1	EPA 6010D Certifications:	01/14/2025 08:46	01/14/2025 14:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/14/2025 08:46	01/14/2025 14:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AGNR

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/14/2025 10:40	01/14/2025 10:40	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/09/2025 19:24	01/09/2025 21:22	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/10/2025 14:48	01/10/2025 18:30	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Trip Blank 010825** **York Sample ID:** **25A0469-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **Trip Blank 010825** **York Sample ID:** **25A0469-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND	QL-02	ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: Trip Blank 010825 **York Sample ID:** 25A0469-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: **Trip Blank 010825** **York Sample ID:** **25A0469-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06	PD
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND	QL-02	ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/10/2025 08:00	01/10/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.6 %*	*79-122*

Analytical Batch Summary

Batch ID: BA50521 **Preparation Method:** Analysis Preparation **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/09/25
25A0469-13	Equipment Blank 010825	01/09/25
BA50521-BLK1	Blank	01/09/25
BA50521-BS1	LCS	01/09/25
BA50521-DUP1	Duplicate	01/09/25
BA50521-MS1	Matrix Spike	01/09/25
BA50521-MSD1	Matrix Spike Dup	01/09/25

Batch ID: BA50543 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/10/25
25A0469-02	UIC002	01/10/25
25A0469-03	UIC003	01/10/25
25A0469-04	UIC004	01/10/25
25A0469-05	UIC005	01/10/25
25A0469-06	UIC006	01/10/25
25A0469-07	UIC007	01/10/25
25A0469-08	UIC008	01/10/25
25A0469-09	UIC009	01/10/25
25A0469-10	UIC010	01/10/25
25A0469-11	UIC00X	01/10/25
BA50543-DUP1	Duplicate	01/10/25

Batch ID: BA50555 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/10/25
25A0469-13	Equipment Blank 010825	01/10/25
25A0469-14	Trip Blank 010825	01/10/25
BA50555-BLK1	Blank	01/10/25
BA50555-BS1	LCS	01/10/25
BA50555-BSD1	LCS Dup	01/10/25

Batch ID: BA50563 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/10/25
25A0469-12	Field Blank 010825	01/10/25
25A0469-13	Equipment Blank 010825	01/10/25
25A0469-13	Equipment Blank 010825	01/10/25
BA50563-BLK1	Blank	01/10/25
BA50563-BLK2	Blank	01/10/25
BA50563-BS1	LCS	01/10/25

BA50563-BS2	LCS	01/10/25
BA50563-BSD1	LCS Dup	01/10/25

Batch ID: BA50568 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-07	UIC007	01/10/25
25A0469-08	UIC008	01/10/25
25A0469-09	UIC009	01/10/25
25A0469-10	UIC010	01/10/25
25A0469-11	UIC00X	01/10/25
BA50568-BLK1	Blank	01/10/25
BA50568-BS1	LCS	01/10/25

Batch ID: BA50577 **Preparation Method:** EPA 5035A **Prepared By:** PRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/10/25
25A0469-02	UIC002	01/10/25
25A0469-05	UIC005	01/10/25
25A0469-07	UIC007	01/10/25
25A0469-08	UIC008	01/10/25
25A0469-09	UIC009	01/10/25
25A0469-10	UIC010	01/10/25
25A0469-11	UIC00X	01/10/25
BA50577-BLK1	Blank	01/10/25
BA50577-BS1	LCS	01/10/25
BA50577-BSD1	LCS Dup	01/10/25

Batch ID: BA50596 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/10/25
25A0469-13	Equipment Blank 010825	01/10/25
BA50596-BLK1	Blank	01/10/25
BA50596-BS1	LCS	01/10/25

Batch ID: BA50635 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-03	UIC003	01/11/25
25A0469-04	UIC004	01/11/25
25A0469-06	UIC006	01/11/25
BA50635-BLK1	Blank	01/11/25
BA50635-BS1	LCS	01/11/25
BA50635-BSD1	LCS Dup	01/11/25
BA50635-MS1	Matrix Spike	01/11/25
BA50635-MSD1	Matrix Spike Dup	01/11/25

Batch ID: BA50640 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-10	UIC010	01/12/25
25A0469-10	UIC010	01/12/25
25A0469-11	UIC00X	01/12/25
25A0469-11	UIC00X	01/12/25
BA50640-BLK1	Blank	01/12/25
BA50640-BLK2	Blank	01/12/25
BA50640-BS1	LCS	01/12/25
BA50640-BS2	LCS	01/12/25

Batch ID: BA50650 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/12/25
25A0469-13	Equipment Blank 010825	01/12/25
BA50650-BLK1	Blank	01/12/25
BA50650-BS1	LCS	01/12/25
BA50650-BS2	LCS	01/12/25

Batch ID: BA50651 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/12/25
25A0469-02	UIC002	01/12/25
25A0469-03	UIC003	01/12/25
25A0469-04	UIC004	01/12/25
25A0469-05	UIC005	01/12/25
25A0469-07	UIC007	01/12/25
25A0469-08	UIC008	01/12/25
25A0469-09	UIC009	01/12/25
BA50651-BLK1	Blank	01/12/25
BA50651-BS1	LCS	01/12/25
BA50651-BS2	LCS	01/12/25

Batch ID: BA50657 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/13/25
25A0469-02	UIC002	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-06	UIC006	01/13/25
25A0469-07	UIC007	01/13/25
25A0469-08	UIC008	01/13/25
25A0469-09	UIC009	01/13/25

25A0469-10	UIC010	01/13/25
25A0469-11	UIC00X	01/13/25
BA50657-BLK1	Blank	01/13/25
BA50657-BS1	LCS	01/13/25
BA50657-MS1	Matrix Spike	01/13/25
BA50657-MSD1	Matrix Spike Dup	01/13/25

Batch ID: BA50659 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/13/25
25A0469-02	UIC002	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-06	UIC006	01/13/25
25A0469-07	UIC007	01/13/25
25A0469-08	UIC008	01/13/25
25A0469-09	UIC009	01/13/25
25A0469-10	UIC010	01/13/25
25A0469-11	UIC00X	01/13/25
BA50659-BLK1	Blank	01/13/25
BA50659-DUP1	Duplicate	01/13/25
BA50659-MS1	Matrix Spike	01/13/25
BA50659-MSD1	Matrix Spike Dup	01/13/25
BA50659-SRM1	Reference	01/13/25

Batch ID: BA50665 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/13/25
25A0469-02	UIC002	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-06	UIC006	01/13/25
25A0469-07	UIC007	01/13/25
25A0469-08	UIC008	01/13/25
25A0469-09	UIC009	01/13/25
25A0469-10	UIC010	01/13/25
25A0469-11	UIC00X	01/13/25
BA50665-BLK1	Blank	01/13/25
BA50665-DUP1	Duplicate	01/13/25
BA50665-MS1	Matrix Spike	01/13/25
BA50665-MSD1	Matrix Spike Dup	01/13/25
BA50665-SRM1	Reference	01/13/25

Batch ID: BA50675 **Preparation Method:** EPA 8151A **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date

25A0469-12	Field Blank 010825	01/13/25
25A0469-13	Equipment Blank 010825	01/13/25
BA50675-BLK1	Blank	01/13/25
BA50675-BS1	LCS	01/13/25

Batch ID: BA50677 **Preparation Method:** EPA 3510C **Prepared By:** DCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/13/25
25A0469-12	Field Blank 010825	01/13/25
25A0469-13	Equipment Blank 010825	01/13/25
25A0469-13	Equipment Blank 010825	01/13/25
BA50677-BLK1	Blank	01/13/25
BA50677-BLK1	Blank	01/13/25
BA50677-BLK2	Blank	01/13/25
BA50677-BS1	LCS	01/13/25
BA50677-BS2	LCS	01/13/25
BA50677-BSD1	LCS Dup	01/13/25

Batch ID: BA50684 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/13/25
25A0469-01	UIC001	01/13/25
25A0469-02	UIC002	01/13/25
25A0469-02	UIC002	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-07	UIC007	01/13/25
25A0469-07	UIC007	01/13/25
25A0469-08	UIC008	01/13/25
25A0469-08	UIC008	01/13/25
25A0469-09	UIC009	01/13/25
25A0469-09	UIC009	01/13/25
BA50684-BLK1	Blank	01/13/25
BA50684-BLK2	Blank	01/13/25
BA50684-BS1	LCS	01/13/25
BA50684-BS2	LCS	01/13/25

Batch ID: BA50685 **Preparation Method:** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/13/25
25A0469-01	UIC001	01/13/25
25A0469-02	UIC002	01/13/25
25A0469-02	UIC002	01/13/25

25A0469-02RE1	UIC002	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-04RE1	UIC004	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-06	UIC006	01/13/25
25A0469-06	UIC006	01/13/25
25A0469-06RE1	UIC006	01/13/25
25A0469-07	UIC007	01/13/25
25A0469-07	UIC007	01/13/25
25A0469-08	UIC008	01/13/25
25A0469-08	UIC008	01/13/25
25A0469-09	UIC009	01/13/25
25A0469-09	UIC009	01/13/25
25A0469-10	UIC010	01/13/25
25A0469-10	UIC010	01/13/25
25A0469-11	UIC00X	01/13/25
25A0469-11	UIC00X	01/13/25
BA50685-BLK1	Blank	01/13/25
BA50685-BLK1	Blank	01/13/25
BA50685-BS1	LCS	01/13/25
BA50685-MS1	Matrix Spike	01/13/25
BA50685-MSD1	Matrix Spike Dup	01/13/25

Batch ID: BA50687 **Preparation Method:** EPA 3015A **Prepared By:** LCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/13/25
BA50687-BLK1	Blank	01/13/25
BA50687-BS1	LCS	01/13/25
BA50687-DUP1	Duplicate	01/13/25
BA50687-MS1	Matrix Spike	01/13/25
BA50687-PS1	Post Spike	01/13/25

Batch ID: BA50706 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-06	UIC006	01/14/25
25A0469-06	UIC006	01/14/25
BA50706-BLK1	Blank	01/14/25
BA50706-BLK2	Blank	01/14/25
BA50706-BS1	LCS	01/14/25
BA50706-BS2	LCS	01/14/25
BA50706-MS1	Matrix Spike	01/14/25
BA50706-MS2	Matrix Spike	01/14/25
BA50706-MSD1	Matrix Spike Dup	01/14/25
BA50706-MSD2	Matrix Spike Dup	01/14/25

Batch ID: BA50710 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/13/25
25A0469-02	UIC002	01/13/25
25A0469-03	UIC003	01/13/25
25A0469-04	UIC004	01/13/25
25A0469-05	UIC005	01/13/25
25A0469-06	UIC006	01/13/25
25A0469-07	UIC007	01/13/25
BA50710-BLK1	Blank	01/13/25
BA50710-DUP1	Duplicate	01/13/25
BA50710-MS1	Matrix Spike	01/13/25
BA50710-PS1	Post Spike	01/13/25
BA50710-SRM1	Reference	01/13/25

Batch ID: BA50761 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/14/25
25A0469-13	Equipment Blank 010825	01/14/25
BA50761-BLK1	Blank	01/14/25
BA50761-BS1	LCS	01/14/25

Batch ID: BA50764 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/14/25
25A0469-02	UIC002	01/14/25
25A0469-03	UIC003	01/14/25
25A0469-04	UIC004	01/14/25
25A0469-05	UIC005	01/14/25
25A0469-06	UIC006	01/14/25
BA50764-BLK1	Blank	01/14/25
BA50764-BS1	LCS	01/14/25
BA50764-MS1	Matrix Spike	01/14/25
BA50764-MSD1	Matrix Spike Dup	01/14/25

Batch ID: BA50766 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-13	Equipment Blank 010825	01/14/25
BA50766-BLK1	Blank	01/14/25
BA50766-BS1	LCS	01/14/25

Batch ID: BA50767 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/14/25
25A0469-13	Equipment Blank 010825	01/14/25
BA50767-BLK1	Blank	01/14/25
BA50767-BS1	LCS	01/14/25

Batch ID: BA50775 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-06	UIC006	01/14/25
25A0469-10	UIC010	01/14/25
25A0469-11	UIC00X	01/14/25
BA50775-BLK1	Blank	01/14/25
BA50775-BS1	LCS	01/14/25
BA50775-BS2	LCS	01/14/25
BA50775-MS2	Matrix Spike	01/14/25
BA50775-MSD2	Matrix Spike Dup	01/14/25

Batch ID: BA50780 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-12	Field Blank 010825	01/14/25
25A0469-13	Equipment Blank 010825	01/14/25
BA50780-BLK1	Blank	01/14/25
BA50780-BLK2	Blank	01/14/25
BA50780-BS1	LCS	01/14/25
BA50780-BS2	LCS	01/14/25

Batch ID: BA50791 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-04	UIC004	01/14/25
25A0469-05	UIC005	01/14/25
25A0469-07	UIC007	01/14/25
25A0469-08	UIC008	01/14/25
25A0469-09	UIC009	01/14/25
25A0469-10	UIC010	01/14/25
25A0469-11	UIC00X	01/14/25
BA50791-BLK1	Blank	01/14/25
BA50791-SRM1	Reference	01/14/25

Batch ID: BA50792 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-01	UIC001	01/14/25
25A0469-02	UIC002	01/14/25
25A0469-03	UIC003	01/14/25
25A0469-06	UIC006	01/14/25
BA50792-BLK1	Blank	01/14/25

BA50792-DUP1	Duplicate	01/14/25
BA50792-MS1	Matrix Spike	01/14/25
BA50792-SRM1	Reference	01/14/25

Batch ID: BA50797 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0469-08	UIC008	01/14/25
25A0469-09	UIC009	01/14/25
25A0469-10	UIC010	01/14/25
25A0469-11	UIC00X	01/14/25
BA50797-BLK1	Blank	01/14/25
BA50797-SRM1	Reference	01/14/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50555 - EPA 5030B											
Blank (BA50555-BLK1)											Prepared & Analyzed: 01/10/2025
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50555 - EPA 5030B											
Blank (BA50555-BLK1)								Prepared & Analyzed: 01/10/2025			
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.54*		*"*	*10.0*		*95.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				
LCS (BA50555-BS1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	8.39		ug/L	10.0		83.9	82-126				
1,1,1-Trichloroethane	9.39		"	10.0		93.9	78-130				
1,1,2,2-Tetrachloroethane	8.92		"	10.0		89.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8		"	10.0		128	70-130				
1,1,2-Trichloroethane	8.40		"	10.0		84.0	82-123				
1,1-Dichloroethane	8.87		"	10.0		88.7	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	70-130				
1,2,3-Trichlorobenzene	8.64		"	10.0		86.4	76-130				
1,2,3-Trichloropropane	7.51		"	10.0		75.1	77-128	Low Bias			
1,2,4-Trichlorobenzene	8.85		"	10.0		88.5	76-130				
1,2,4-Trimethylbenzene	7.78		"	10.0		77.8	82-132	Low Bias			
1,2-Dibromo-3-chloropropane	7.73		"	10.0		77.3	45-147				
1,2-Dibromoethane	8.26		"	10.0		82.6	83-124	Low Bias			
1,2-Dichlorobenzene	8.13		"	10.0		81.3	79-123				
1,2-Dichloroethane	8.79		"	10.0		87.9	73-130				
1,2-Dichloropropane	8.53		"	10.0		85.3	78-126				
1,3,5-Trimethylbenzene	8.20		"	10.0		82.0	80-131				
1,3-Dichlorobenzene	8.19		"	10.0		81.9	86-122	Low Bias			
1,3-Dichloropropane	8.41		"	10.0		84.1	81-125				
1,4-Dichlorobenzene	8.12		"	10.0		81.2	85-124	Low Bias			
1,4-Dioxane	150		"	210		71.3	40-160				
2-Butanone	7.61		"	10.0		76.1	49-152				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50555 - EPA 5030B											
LCS (BA50555-BS1)								Prepared & Analyzed: 01/10/2025			
2-Hexanone	6.91		ug/L	10.0		69.1	51-146				
4-Methyl-2-pentanone	8.12		"	10.0		81.2	57-145				
Acetone	14.4		"	10.0		144	40-150				
Acrolein	5.04		"	10.0		50.4	10-153				
Acrylonitrile	8.69		"	10.0		86.9	51-150				
Benzene	9.33		"	10.0		93.3	85-126				
Bromochloromethane	8.66		"	10.0		86.6	77-128				
Bromodichloromethane	8.54		"	10.0		85.4	79-128				
Bromoform	8.66		"	10.0		86.6	78-130				
Bromomethane	2.73		"	10.0		27.3	43-160	Low Bias			
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-130				
Chlorobenzene	8.58		"	10.0		85.8	88-120	Low Bias			
Chloroethane	7.41		"	10.0		74.1	65-136				
Chloroform	8.67		"	10.0		86.7	82-128				
Chloromethane	3.40		"	10.0		34.0	43-155	Low Bias			
cis-1,2-Dichloroethylene	9.30		"	10.0		93.0	83-129				
cis-1,3-Dichloropropylene	8.71		"	10.0		87.1	80-130				
Cyclohexane	10.8		"	10.0		108	70-130				
Dibromochloromethane	8.41		"	10.0		84.1	80-130				
Dibromomethane	7.84		"	10.0		78.4	72-134				
Dichlorodifluoromethane	4.53		"	10.0		45.3	44-144				
Ethyl Benzene	8.36		"	10.0		83.6	80-130				
Hexachlorobutadiene	10.5		"	10.0		105	67-146				
Isopropylbenzene	8.13		"	10.0		81.3	76-130				
Methyl acetate	7.53		"	10.0		75.3	70-130				
Methyl tert-butyl ether (MTBE)	8.54		"	10.0		85.4	76-130				
Methylcyclohexane	10.4		"	10.0		104	72-130				
Methylene chloride	8.42		"	10.0		84.2	70-130				
Naphthalene	8.90		"	10.0		89.0	70-147				
n-Butylbenzene	9.77		"	10.0		97.7	79-132				
n-Propylbenzene	8.65		"	10.0		86.5	78-133				
o-Xylene	9.21		"	10.0		92.1	78-130				
p- & m- Xylenes	18.8		"	20.0		94.2	77-130				
p-Diethylbenzene	9.08		"	10.0		90.8	84-134				
p-Ethyltoluene	8.18		"	10.0		81.8	88-129	Low Bias			
p-Isopropyltoluene	8.61		"	10.0		86.1	81-136				
sec-Butylbenzene	8.09		"	10.0		80.9	79-137				
Styrene	9.10		"	10.0		91.0	70-130				
tert-Butyl alcohol (TBA)	44.1		"	50.0		88.3	25-162				
tert-Butylbenzene	9.02		"	10.0		90.2	77-138				
Tetrachloroethylene	4.73		"	10.0		47.3	82-130	Low Bias			
Toluene	8.06		"	10.0		80.6	80-127				
trans-1,2-Dichloroethylene	9.48		"	10.0		94.8	80-130				
trans-1,3-Dichloropropylene	8.71		"	10.0		87.1	78-130				
Trichloroethylene	7.97		"	10.0		79.7	82-128	Low Bias			
Trichlorofluoromethane	8.52		"	10.0		85.2	67-139				
Vinyl Chloride	6.22		"	10.0		62.2	70-130	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.47*		*"*	*10.0*		*94.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50555 - EPA 5030B											
LCS Dup (BA50555-BSD1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	8.33		ug/L	10.0		83.3	82-126		0.718	30	
1,1,1-Trichloroethane	9.04		"	10.0		90.4	78-130		3.80	20	
1,1,2,2-Tetrachloroethane	9.18		"	10.0		91.8	76-129		2.87	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	70-130		4.63	20	
1,1,2-Trichloroethane	8.40		"	10.0		84.0	82-123		0.00	20	
1,1-Dichloroethane	8.70		"	10.0		87.0	82-129		1.94	20	
1,1-Dichloroethylene	10.0		"	10.0		100	70-130		3.14	20	
1,2,3-Trichlorobenzene	8.90		"	10.0		89.0	76-130		2.96	20	
1,2,3-Trichloropropane	7.57		"	10.0		75.7	77-128	Low Bias	0.796	30	
1,2,4-Trichlorobenzene	8.85		"	10.0		88.5	76-130		0.00	20	
1,2,4-Trimethylbenzene	7.56		"	10.0		75.6	82-132	Low Bias	2.87	20	
1,2-Dibromo-3-chloropropane	8.28		"	10.0		82.8	45-147		6.87	20	
1,2-Dibromoethane	8.41		"	10.0		84.1	83-124		1.80	20	
1,2-Dichlorobenzene	8.05		"	10.0		80.5	79-123		0.989	20	
1,2-Dichloroethane	9.03		"	10.0		90.3	73-130		2.69	20	
1,2-Dichloropropane	8.34		"	10.0		83.4	78-126		2.25	20	
1,3,5-Trimethylbenzene	7.76		"	10.0		77.6	80-131	Low Bias	5.51	30	
1,3-Dichlorobenzene	7.85		"	10.0		78.5	86-122	Low Bias	4.24	20	
1,3-Dichloropropane	8.55		"	10.0		85.5	81-125		1.65	30	
1,4-Dichlorobenzene	7.91		"	10.0		79.1	85-124	Low Bias	2.62	20	
1,4-Dioxane	181		"	210		86.2	40-160		18.9	20	
2-Butanone	7.74		"	10.0		77.4	49-152		1.69	20	
2-Hexanone	8.01		"	10.0		80.1	51-146		14.7	20	
4-Methyl-2-pentanone	8.97		"	10.0		89.7	57-145		9.95	20	
Acetone	15.8		"	10.0		158	40-150	High Bias	9.21	20	
Acrolein	5.72		"	10.0		57.2	10-153		12.6	30	
Acrylonitrile	9.18		"	10.0		91.8	51-150		5.48	30	
Benzene	9.14		"	10.0		91.4	85-126		2.06	20	
Bromochloromethane	8.85		"	10.0		88.5	77-128		2.17	20	
Bromodichloromethane	8.49		"	10.0		84.9	79-128		0.587	20	
Bromoform	8.86		"	10.0		88.6	78-130		2.28	20	
Bromomethane	2.84		"	10.0		28.4	43-160	Low Bias	3.95	20	
Carbon disulfide	9.89		"	10.0		98.9	68-146		4.16	20	
Carbon tetrachloride	9.59		"	10.0		95.9	77-130		4.29	20	
Chlorobenzene	8.41		"	10.0		84.1	88-120	Low Bias	2.00	20	
Chloroethane	7.13		"	10.0		71.3	65-136		3.85	20	
Chloroform	8.65		"	10.0		86.5	82-128		0.231	20	
Chloromethane	3.43		"	10.0		34.3	43-155	Low Bias	0.878	20	
cis-1,2-Dichloroethylene	9.09		"	10.0		90.9	83-129		2.28	20	
cis-1,3-Dichloropropylene	8.55		"	10.0		85.5	80-130		1.85	20	
Cyclohexane	10.4		"	10.0		104	70-130		4.34	20	
Dibromochloromethane	8.58		"	10.0		85.8	80-130		2.00	20	
Dibromomethane	8.06		"	10.0		80.6	72-134		2.77	30	
Dichlorodifluoromethane	4.36		"	10.0		43.6	44-144	Low Bias	3.82	20	
Ethyl Benzene	8.11		"	10.0		81.1	80-130		3.04	20	
Hexachlorobutadiene	9.93		"	10.0		99.3	67-146		5.39	30	
Isopropylbenzene	7.64		"	10.0		76.4	76-130		6.21	20	
Methyl acetate	8.11		"	10.0		81.1	70-130		7.42	20	
Methyl tert-butyl ether (MTBE)	9.10		"	10.0		91.0	76-130		6.35	20	
Methylcyclohexane	9.81		"	10.0		98.1	72-130		6.32	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50555 - EPA 5030B											
LCS Dup (BA50555-BSD1)								Prepared & Analyzed: 01/10/2025			
Methylene chloride	8.37		ug/L	10.0		83.7	70-130		0.596	20	
Naphthalene	9.45		"	10.0		94.5	70-147		5.99	30	
n-Butylbenzene	9.18		"	10.0		91.8	79-132		6.23	30	
n-Propylbenzene	8.10		"	10.0		81.0	78-133		6.57	30	
o-Xylene	8.92		"	10.0		89.2	78-130		3.20	20	
p- & m- Xylenes	18.1		"	20.0		90.7	77-130		3.73	20	
p-Diethylbenzene	8.52		"	10.0		85.2	84-134		6.36	30	
p-Ethyltoluene	7.69		"	10.0		76.9	88-129	Low Bias	6.18	30	
p-Isopropyltoluene	8.13		"	10.0		81.3	81-136		5.73	30	
sec-Butylbenzene	7.74		"	10.0		77.4	79-137	Low Bias	4.42	30	
Styrene	9.03		"	10.0		90.3	70-130		0.772	20	
tert-Butyl alcohol (TBA)	50.3		"	50.0		101	25-162		13.1	30	
tert-Butylbenzene	8.55		"	10.0		85.5	77-138		5.35	30	
Tetrachloroethylene	4.54		"	10.0		45.4	82-130	Low Bias	4.10	20	
Toluene	7.76		"	10.0		77.6	80-127	Low Bias	3.79	20	
trans-1,2-Dichloroethylene	9.19		"	10.0		91.9	80-130		3.11	20	
trans-1,3-Dichloropropylene	8.55		"	10.0		85.5	78-130		1.85	20	
Trichloroethylene	7.61		"	10.0		76.1	82-128	Low Bias	4.62	20	
Trichlorofluoromethane	8.16		"	10.0		81.6	67-139		4.32	20	
Vinyl Chloride	6.04		"	10.0		60.4	70-130	Low Bias	2.94	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.53*		*"*	*10.0*		*95.3*	*79-122*				
Batch BA50577 - EPA 5035A											
Blank (BA50577-BLK1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50577 - EPA 5035A											
Blank (BA50577-BLK1)											Prepared & Analyzed: 01/10/2025
Acetone	ND	0.010	mg/kg wet								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.8*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*97.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50577 - EPA 5035A											
LCS (BA50577-BS1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	49.2		ug/L	50.0		98.4	75-129				
1,1,1-Trichloroethane	43.3		"	50.0		86.5	71-137				
1,1,2,2-Tetrachloroethane	49.0		"	50.0		98.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.6		"	50.0		95.3	58-146				
1,1,2-Trichloroethane	47.0		"	50.0		94.0	83-123				
1,1-Dichloroethane	43.6		"	50.0		87.2	75-130				
1,1-Dichloroethylene	49.2		"	50.0		98.4	64-137				
1,2,3-Trichlorobenzene	46.5		"	50.0		93.1	81-140				
1,2,3-Trichloropropane	47.9		"	50.0		95.9	81-126				
1,2,4-Trichlorobenzene	45.5		"	50.0		91.0	80-141				
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	45.8		"	50.0		91.7	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.3	86-123				
1,2-Dichlorobenzene	45.8		"	50.0		91.7	85-122				
1,2-Dichloroethane	43.1		"	50.0		86.1	71-133				
1,2-Dichloropropane	47.6		"	50.0		95.2	81-122				
1,3,5-Trimethylbenzene	49.0		"	50.0		97.9	82-126				
1,3-Dichlorobenzene	46.3		"	50.0		92.5	84-124				
1,4-Dichlorobenzene	45.8		"	50.0		91.6	84-124				
1,4-Dioxane	927		"	1050		88.3	10-228				
2-Butanone	44.2		"	50.0		88.3	58-147				
2-Hexanone	45.2		"	50.0		90.5	70-139				
4-Methyl-2-pentanone	48.2		"	50.0		96.3	72-132				
Acetone	97.2		"	50.0		194	36-155	High Bias			
Acrolein	35.0		"	50.0		70.1	10-238				
Acrylonitrile	44.6		"	50.0		89.3	66-141				
Benzene	45.0		"	50.0		89.9	77-127				
Bromochloromethane	43.6		"	50.0		87.3	74-129				
Bromodichloromethane	48.6		"	50.0		97.2	81-124				
Bromoform	48.0		"	50.0		96.1	80-136				
Bromomethane	37.1		"	50.0		74.2	32-177				
Carbon disulfide	46.1		"	50.0		92.1	10-136				
Carbon tetrachloride	44.4		"	50.0		88.8	66-143				
Chlorobenzene	46.0		"	50.0		92.0	86-120				
Chloroethane	40.9		"	50.0		81.8	51-142				
Chloroform	43.9		"	50.0		87.8	76-131				
Chloromethane	30.6		"	50.0		61.2	49-132				
cis-1,2-Dichloroethylene	44.3		"	50.0		88.6	74-132				
cis-1,3-Dichloropropylene	47.6		"	50.0		95.1	81-129				
Cyclohexane	46.6		"	50.0		93.3	70-130				
Dibromochloromethane	49.0		"	50.0		98.0	10-200				
Dibromomethane	45.8		"	50.0		91.6	83-124				
Dichlorodifluoromethane	19.4		"	50.0		38.8	28-158				
Ethyl Benzene	49.2		"	50.0		98.4	84-125				
Hexachlorobutadiene	45.2		"	50.0		90.4	83-133				
Isopropylbenzene	50.6		"	50.0		101	81-127				
Methyl acetate	56.2		"	50.0		112	41-143				
Methyl tert-butyl ether (MTBE)	45.7		"	50.0		91.4	74-131				
Methylcyclohexane	48.3		"	50.0		96.6	70-130				
Methylene chloride	59.3		"	50.0		119	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50577 - EPA 5035A											
LCS (BA50577-BS1)								Prepared & Analyzed: 01/10/2025			
n-Butylbenzene	46.9		ug/L	50.0		93.7	80-130				
n-Propylbenzene	49.1		"	50.0		98.2	74-136				
o-Xylene	48.8		"	50.0		97.5	83-123				
p- & m- Xylenes	94.8		"	100		94.8	82-128				
p-Isopropyltoluene	50.1		"	50.0		100	85-125				
sec-Butylbenzene	49.5		"	50.0		99.0	83-125				
Styrene	49.2		"	50.0		98.4	86-126				
tert-Butyl alcohol (TBA)	229		"	250		91.6	70-130				
tert-Butylbenzene	49.8		"	50.0		99.6	80-127				
Tetrachloroethylene	41.4		"	50.0		82.8	80-129				
Toluene	47.5		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	43.9		"	50.0		87.7	72-132				
trans-1,3-Dichloropropylene	48.8		"	50.0		97.7	78-132				
Trichloroethylene	49.1		"	50.0		98.1	84-123				
Trichlorofluoromethane	41.4		"	50.0		82.8	62-140				
Vinyl Chloride	32.2		"	50.0		64.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BA50577-BSD1)								Prepared & Analyzed: 01/10/2025			
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		2.85	30	
1,1,1-Trichloroethane	45.4		"	50.0		90.8	71-137		4.83	30	
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.9	79-129		1.11	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.6		"	50.0		83.3	58-146		13.4	30	
1,1,2-Trichloroethane	47.7		"	50.0		95.5	83-123		1.56	30	
1,1-Dichloroethane	45.5		"	50.0		91.0	75-130		4.20	30	
1,1-Dichloroethylene	45.1		"	50.0		90.1	64-137		8.74	30	
1,2,3-Trichlorobenzene	48.5		"	50.0		97.0	81-140		4.15	30	
1,2,3-Trichloropropane	48.6		"	50.0		97.3	81-126		1.45	30	
1,2,4-Trichlorobenzene	47.7		"	50.0		95.4	80-141		4.74	30	
1,2,4-Trimethylbenzene	51.1		"	50.0		102	84-125		2.02	30	
1,2-Dibromo-3-chloropropane	46.6		"	50.0		93.3	74-142		1.77	30	
1,2-Dibromoethane	49.2		"	50.0		98.3	86-123		3.06	30	
1,2-Dichlorobenzene	47.3		"	50.0		94.6	85-122		3.13	30	
1,2-Dichloroethane	45.2		"	50.0		90.3	71-133		4.72	30	
1,2-Dichloropropane	49.1		"	50.0		98.2	81-122		3.10	30	
1,3,5-Trimethylbenzene	49.5		"	50.0		98.9	82-126		1.02	30	
1,3-Dichlorobenzene	47.2		"	50.0		94.5	84-124		2.08	30	
1,4-Dichlorobenzene	46.9		"	50.0		93.8	84-124		2.44	30	
1,4-Dioxane	910		"	1050		86.7	10-228		1.89	30	
2-Butanone	43.4		"	50.0		86.7	58-147		1.78	30	
2-Hexanone	44.3		"	50.0		88.6	70-139		2.12	30	
4-Methyl-2-pentanone	46.4		"	50.0		92.9	72-132		3.66	30	
Acetone	81.6		"	50.0		163	36-155	High Bias	17.5	30	
Acrolein	29.2		"	50.0		58.4	10-238		18.2	30	
Acrylonitrile	45.8		"	50.0		91.5	66-141		2.52	30	
Benzene	47.1		"	50.0		94.2	77-127		4.67	30	
Bromochloromethane	46.1		"	50.0		92.2	74-129		5.53	30	
Bromodichloromethane	50.1		"	50.0		100	81-124		3.00	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50577 - EPA 5035A											
LCS Dup (BA50577-BSD1)								Prepared & Analyzed: 01/10/2025			
Bromoform	48.7		ug/L	50.0		97.4	80-136		1.41	30	
Bromomethane	40.0		"	50.0		80.0	32-177		7.55	30	
Carbon disulfide	40.2		"	50.0		80.4	10-136		13.6	30	
Carbon tetrachloride	46.9		"	50.0		93.7	66-143		5.39	30	
Chlorobenzene	47.5		"	50.0		95.1	86-120		3.27	30	
Chloroethane	39.8		"	50.0		79.6	51-142		2.65	30	
Chloroform	46.0		"	50.0		92.0	76-131		4.58	30	
Chloromethane	29.3		"	50.0		58.6	49-132		4.34	30	
cis-1,2-Dichloroethylene	46.4		"	50.0		92.9	74-132		4.67	30	
cis-1,3-Dichloropropylene	49.3		"	50.0		98.6	81-129		3.53	30	
Cyclohexane	45.8		"	50.0		91.5	70-130		1.88	30	
Dibromochloromethane	50.2		"	50.0		100	10-200		2.40	30	
Dibromomethane	46.8		"	50.0		93.5	83-124		2.05	30	
Dichlorodifluoromethane	16.7		"	50.0		33.4	28-158		15.0	30	
Ethyl Benzene	50.3		"	50.0		101	84-125		2.21	30	
Hexachlorobutadiene	43.6		"	50.0		87.3	83-133		3.56	30	
Isopropylbenzene	51.3		"	50.0		103	81-127		1.51	30	
Methyl acetate	37.1		"	50.0		74.2	41-143		40.8	30	Non-dir.
Methyl tert-butyl ether (MTBE)	46.7		"	50.0		93.4	74-131		2.14	30	
Methylcyclohexane	45.6		"	50.0		91.2	70-130		5.82	30	
Methylene chloride	42.5		"	50.0		85.0	57-141		33.0	30	Non-dir.
n-Butylbenzene	46.9		"	50.0		93.8	80-130		0.0853	30	
n-Propylbenzene	49.6		"	50.0		99.3	74-136		1.11	30	
o-Xylene	50.2		"	50.0		100	83-123		2.95	30	
p- & m- Xylenes	97.6		"	100		97.6	82-128		2.89	30	
p-Isopropyltoluene	50.6		"	50.0		101	85-125		0.973	30	
sec-Butylbenzene	49.9		"	50.0		99.7	83-125		0.765	30	
Styrene	51.0		"	50.0		102	86-126		3.67	30	
tert-Butyl alcohol (TBA)	233		"	250		93.0	70-130		1.58	30	
tert-Butylbenzene	50.3		"	50.0		101	80-127		0.959	30	
Tetrachloroethylene	42.3		"	50.0		84.5	80-129		2.01	30	
Toluene	48.6		"	50.0		97.1	85-121		2.19	30	
trans-1,2-Dichloroethylene	46.4		"	50.0		92.8	72-132		5.65	30	
trans-1,3-Dichloropropylene	50.6		"	50.0		101	78-132		3.50	30	
Trichloroethylene	50.5		"	50.0		101	84-123		2.85	30	
Trichlorofluoromethane	42.8		"	50.0		85.6	62-140		3.40	30	
Vinyl Chloride	32.8		"	50.0		65.5	52-130		1.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
Blank (BA50635-BLK1)											Prepared & Analyzed: 01/11/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
Blank (BA50635-BLK1)								Prepared & Analyzed: 01/11/2025			
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.5*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				
LCS (BA50635-BS1)								Prepared & Analyzed: 01/11/2025			
1,1,1,2-Tetrachloroethane	50.5		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	48.1		"	50.0		96.2	71-137				
1,1,2,2-Tetrachloroethane	50.6		"	50.0		101	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.3		"	50.0		96.6	58-146				
1,1,2-Trichloroethane	51.2		"	50.0		102	83-123				
1,1-Dichloroethane	48.4		"	50.0		96.7	75-130				
1,1-Dichloroethylene	49.4		"	50.0		98.7	64-137				
1,2,3-Trichlorobenzene	51.5		"	50.0		103	81-140				
1,2,3-Trichloropropane	51.0		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	49.3		"	50.0		98.6	84-125				
1,2-Dibromo-3-chloropropane	48.3		"	50.0		96.5	74-142				
1,2-Dibromoethane	52.4		"	50.0		105	86-123				
1,2-Dichlorobenzene	49.5		"	50.0		99.1	85-122				
1,2-Dichloroethane	51.8		"	50.0		104	71-133				
1,2-Dichloropropane	47.7		"	50.0		95.4	81-122				
1,3,5-Trimethylbenzene	47.9		"	50.0		95.7	82-126				
1,3-Dichlorobenzene	48.3		"	50.0		96.5	84-124				
1,4-Dichlorobenzene	48.6		"	50.0		97.2	84-124				
1,4-Dioxane	1760		"	1050		168	10-228				
2-Butanone	49.4		"	50.0		98.8	58-147				
2-Hexanone	49.6		"	50.0		99.2	70-139				
4-Methyl-2-pentanone	50.3		"	50.0		101	72-132				
Acetone	129		"	50.0		257	36-155	High Bias			
Acrolein	40.1		"	50.0		80.2	10-238				
Acrylonitrile	53.9		"	50.0		108	66-141				
Benzene	51.5		"	50.0		103	77-127				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
LCS (BA50635-BS1)							Prepared & Analyzed: 01/11/2025				
Bromochloromethane	50.2		ug/L	50.0		100	74-129				
Bromodichloromethane	49.4		"	50.0		98.9	81-124				
Bromoform	54.6		"	50.0		109	80-136				
Bromomethane	45.1		"	50.0		90.2	32-177				
Carbon disulfide	50.8		"	50.0		102	10-136				
Carbon tetrachloride	49.6		"	50.0		99.2	66-143				
Chlorobenzene	49.7		"	50.0		99.4	86-120				
Chloroethane	43.9		"	50.0		87.7	51-142				
Chloroform	51.2		"	50.0		102	76-131				
Chloromethane	31.0		"	50.0		62.0	49-132				
cis-1,2-Dichloroethylene	49.2		"	50.0		98.4	74-132				
cis-1,3-Dichloropropylene	47.8		"	50.0		95.6	81-129				
Cyclohexane	52.4		"	50.0		105	70-130				
Dibromochloromethane	51.4		"	50.0		103	10-200				
Dibromomethane	48.7		"	50.0		97.4	83-124				
Dichlorodifluoromethane	18.9		"	50.0		37.8	28-158				
Ethyl Benzene	50.1		"	50.0		100	84-125				
Hexachlorobutadiene	42.2		"	50.0		84.4	83-133				
Isopropylbenzene	47.9		"	50.0		95.8	81-127				
Methyl acetate	47.1		"	50.0		94.2	41-143				
Methyl tert-butyl ether (MTBE)	53.4		"	50.0		107	74-131				
Methylcyclohexane	44.3		"	50.0		88.7	70-130				
Methylene chloride	47.9		"	50.0		95.8	57-141				
n-Butylbenzene	47.2		"	50.0		94.5	80-130				
n-Propylbenzene	47.7		"	50.0		95.4	74-136				
o-Xylene	50.0		"	50.0		100	83-123				
p- & m- Xylenes	97.9		"	100		97.9	82-128				
p-Isopropyltoluene	49.2		"	50.0		98.5	85-125				
sec-Butylbenzene	47.0		"	50.0		94.1	83-125				
Styrene	53.2		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	257		"	250		103	70-130				
tert-Butylbenzene	47.5		"	50.0		95.0	80-127				
Tetrachloroethylene	44.4		"	50.0		88.8	80-129				
Toluene	48.6		"	50.0		97.1	85-121				
trans-1,2-Dichloroethylene	49.0		"	50.0		98.1	72-132				
trans-1,3-Dichloropropylene	50.1		"	50.0		100	78-132				
Trichloroethylene	47.5		"	50.0		95.1	84-123				
Trichlorofluoromethane	44.3		"	50.0		88.6	62-140				
Vinyl Chloride	37.0		"	50.0		74.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
LCS Dup (BA50635-BSD1)								Prepared & Analyzed: 01/11/2025			
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		100	75-129		0.935	30	
1,1,1-Trichloroethane	48.3		"	50.0		96.7	71-137		0.477	30	
1,1,2,2-Tetrachloroethane	48.3		"	50.0		96.6	79-129		4.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.6		"	50.0		99.2	58-146		2.64	30	
1,1,2-Trichloroethane	49.7		"	50.0		99.4	83-123		2.91	30	
1,1-Dichloroethane	47.8		"	50.0		95.7	75-130		1.08	30	
1,1-Dichloroethylene	49.7		"	50.0		99.4	64-137		0.666	30	
1,2,3-Trichlorobenzene	51.0		"	50.0		102	81-140		0.859	30	
1,2,3-Trichloropropane	48.5		"	50.0		97.1	81-126		4.88	30	
1,2,4-Trichlorobenzene	50.6		"	50.0		101	80-141		0.119	30	
1,2,4-Trimethylbenzene	49.6		"	50.0		99.2	84-125		0.607	30	
1,2-Dibromo-3-chloropropane	46.4		"	50.0		92.8	74-142		3.91	30	
1,2-Dibromoethane	49.9		"	50.0		99.8	86-123		4.94	30	
1,2-Dichlorobenzene	49.6		"	50.0		99.2	85-122		0.101	30	
1,2-Dichloroethane	51.0		"	50.0		102	71-133		1.63	30	
1,2-Dichloropropane	47.5		"	50.0		95.0	81-122		0.462	30	
1,3,5-Trimethylbenzene	48.9		"	50.0		97.8	82-126		2.13	30	
1,3-Dichlorobenzene	48.2		"	50.0		96.3	84-124		0.249	30	
1,4-Dichlorobenzene	48.7		"	50.0		97.5	84-124		0.288	30	
1,4-Dioxane	1600		"	1050		152	10-228		9.70	30	
2-Butanone	44.3		"	50.0		88.6	58-147		10.9	30	
2-Hexanone	44.6		"	50.0		89.3	70-139		10.6	30	
4-Methyl-2-pentanone	46.5		"	50.0		93.0	72-132		7.85	30	
Acetone	117		"	50.0		234	36-155	High Bias	9.43	30	
Acrolein	37.3		"	50.0		74.5	10-238		7.32	30	
Acrylonitrile	51.3		"	50.0		103	66-141		5.00	30	
Benzene	51.0		"	50.0		102	77-127		0.897	30	
Bromochloromethane	49.6		"	50.0		99.2	74-129		1.26	30	
Bromodichloromethane	48.9		"	50.0		97.7	81-124		1.16	30	
Bromoform	51.7		"	50.0		103	80-136		5.40	30	
Bromomethane	43.6		"	50.0		87.2	32-177		3.36	30	
Carbon disulfide	51.2		"	50.0		102	10-136		0.647	30	
Carbon tetrachloride	49.5		"	50.0		99.0	66-143		0.242	30	
Chlorobenzene	48.9		"	50.0		97.8	86-120		1.66	30	
Chloroethane	43.4		"	50.0		86.8	51-142		1.05	30	
Chloroform	50.6		"	50.0		101	76-131		1.14	30	
Chloromethane	30.9		"	50.0		61.8	49-132		0.291	30	
cis-1,2-Dichloroethylene	48.9		"	50.0		97.9	74-132		0.489	30	
cis-1,3-Dichloropropylene	47.6		"	50.0		95.2	81-129		0.398	30	
Cyclohexane	52.9		"	50.0		106	70-130		0.949	30	
Dibromochloromethane	50.1		"	50.0		100	10-200		2.54	30	
Dibromomethane	47.4		"	50.0		94.7	83-124		2.83	30	
Dichlorodifluoromethane	19.2		"	50.0		38.3	28-158		1.52	30	
Ethyl Benzene	49.8		"	50.0		99.6	84-125		0.581	30	
Hexachlorobutadiene	45.8		"	50.0		91.5	83-133		8.14	30	
Isopropylbenzene	48.6		"	50.0		97.2	81-127		1.41	30	
Methyl acetate	43.6		"	50.0		87.3	41-143		7.63	30	
Methyl tert-butyl ether (MTBE)	51.6		"	50.0		103	74-131		3.37	30	
Methylcyclohexane	46.2		"	50.0		92.4	70-130		4.17	30	
Methylene chloride	47.5		"	50.0		95.0	57-141		0.818	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
LCS Dup (BA50635-BSD1)								Prepared & Analyzed: 01/11/2025			
n-Butylbenzene	48.6		ug/L	50.0		97.2	80-130		2.86	30	
n-Propylbenzene	48.0		"	50.0		96.0	74-136		0.669	30	
o-Xylene	49.4		"	50.0		98.9	83-123		1.11	30	
p- & m- Xylenes	97.6		"	100		97.6	82-128		0.389	30	
p-Isopropyltoluene	50.0		"	50.0		100	85-125		1.47	30	
sec-Butylbenzene	48.3		"	50.0		96.7	83-125		2.73	30	
Styrene	52.2		"	50.0		104	86-126		1.90	30	
tert-Butyl alcohol (TBA)	234		"	250		93.5	70-130		9.52	30	
tert-Butylbenzene	48.7		"	50.0		97.5	80-127		2.62	30	
Tetrachloroethylene	44.3		"	50.0		88.6	80-129		0.248	30	
Toluene	48.3		"	50.0		96.6	85-121		0.516	30	
trans-1,2-Dichloroethylene	48.9		"	50.0		97.8	72-132		0.286	30	
trans-1,3-Dichloropropylene	49.0		"	50.0		97.9	78-132		2.36	30	
Trichloroethylene	47.6		"	50.0		95.3	84-123		0.252	30	
Trichlorofluoromethane	43.8		"	50.0		87.5	62-140		1.18	30	
Vinyl Chloride	36.8		"	50.0		73.6	52-130		0.542	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*97.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.5*	*76-130*				
Matrix Spike (BA50635-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/11/2025			
1,1,1,2-Tetrachloroethane	9.77		ug/L	50.0	0.00	19.5	15-161				
1,1,1-Trichloroethane	17.7		"	50.0	0.00	35.4	42-145	Low Bias			
1,1,2,2-Tetrachloroethane	13.0		"	50.0	0.00	25.9	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	15.3		"	50.0	0.00	30.7	11-160				
1,1,2-Trichloroethane	19.7		"	50.0	0.00	39.3	44-145	Low Bias			
1,1-Dichloroethane	24.7		"	50.0	0.00	49.4	46-142				
1,1-Dichloroethylene	23.0		"	50.0	0.00	46.0	30-153				
1,2,3-Trichlorobenzene	0.00		"	50.0	0.00		10-157	Low Bias			
1,2,3-Trichloropropane	17.5		"	50.0	0.00	35.0	38-155	Low Bias			
1,2,4-Trichlorobenzene	1.03		"	50.0	0.00	2.06	10-151	Low Bias			
1,2,4-Trimethylbenzene	4.00		"	50.0	0.00	8.00	10-170	Low Bias			
1,2-Dibromo-3-chloropropane	5.82		"	50.0	0.00	11.6	36-138	Low Bias			
1,2-Dibromoethane	18.3		"	50.0	0.00	36.5	40-142	Low Bias			
1,2-Dichlorobenzene	3.59		"	50.0	0.00	7.18	10-147	Low Bias			
1,2-Dichloroethane	26.7		"	50.0	0.00	53.5	48-133				
1,2-Dichloropropane	21.3		"	50.0	0.00	42.6	47-141	Low Bias			
1,3,5-Trimethylbenzene	4.52		"	50.0	0.00	9.04	10-150	Low Bias			
1,3-Dichlorobenzene	3.62		"	50.0	0.00	7.24	10-144	Low Bias			
1,4-Dichlorobenzene	3.62		"	50.0	0.00	7.24	10-160	Low Bias			
1,4-Dioxane	1380		"	1050	0.00	132	10-191				
2-Butanone	58.6		"	50.0	8.18	101	10-189				
2-Hexanone	28.6		"	50.0	0.00	57.2	10-181				
4-Methyl-2-pentanone	33.0		"	50.0	0.00	65.9	10-166				
Acetone	155		"	50.0	35.7	238	10-196	High Bias			
Acrolein	2.00		"	50.0	0.00	4.00	10-192	Low Bias			
Acrylonitrile	39.3		"	50.0	0.00	78.6	13-161				
Benzene	20.9		"	50.0	0.00	41.9	43-139	Low Bias			
Bromochloromethane	26.6		"	50.0	0.00	53.1	38-145				
Bromodichloromethane	18.4		"	50.0	0.00	36.8	38-147	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
Matrix Spike (BA50635-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/11/2025			
Bromoform	9.23		ug/L	50.0	0.00	18.5	29-156	Low Bias			
Bromomethane	26.8		"	50.0	0.00	53.7	10-166				
Carbon disulfide	22.3		"	50.0	0.00	44.6	10-131				
Carbon tetrachloride	14.3		"	50.0	0.00	28.6	35-145	Low Bias			
Chlorobenzene	8.50		"	50.0	0.00	17.0	21-154	Low Bias			
Chloroethane	27.2		"	50.0	0.00	54.4	15-160				
Chloroform	22.4		"	50.0	0.00	44.8	47-142	Low Bias			
Chloromethane	20.2		"	50.0	0.00	40.4	10-159				
cis-1,2-Dichloroethylene	22.7		"	50.0	0.00	45.3	42-144				
cis-1,3-Dichloropropylene	15.8		"	50.0	0.00	31.7	18-159				
Cyclohexane	10.4		"	50.0	0.00	20.9	70-130	Low Bias			
Dibromochloromethane	13.4		"	50.0	0.00	26.9	10-179				
Dibromomethane	23.7		"	50.0	0.00	47.4	47-143				
Dichlorodifluoromethane	9.16		"	50.0	0.00	18.3	10-145				
Ethyl Benzene	7.54		"	50.0	0.00	15.1	11-158				
Hexachlorobutadiene	0.00		"	50.0	0.00		10-158	Low Bias			
Isopropylbenzene	6.21		"	50.0	0.00	12.4	10-162				
Methyl acetate	53.0		"	50.0	1.49	103	10-149				
Methyl tert-butyl ether (MTBE)	33.4		"	50.0	0.00	66.8	42-152				
Methylcyclohexane	6.45		"	50.0	0.00	12.9	70-130	Low Bias			
Methylene chloride	27.2		"	50.0	0.00	54.4	28-151				
n-Butylbenzene	2.45		"	50.0	0.00	4.90	10-162	Low Bias			
n-Propylbenzene	5.32		"	50.0	0.00	10.6	10-155				
o-Xylene	6.19		"	50.0	0.00	12.4	10-158				
p- & m- Xylenes	13.6		"	100	0.00	13.6	10-156				
p-Isopropyltoluene	3.13		"	50.0	0.00	6.26	10-147	Low Bias			
sec-Butylbenzene	3.50		"	50.0	0.00	7.00	10-157	Low Bias			
Styrene	1.47		"	50.0	0.00	2.94	13-171	Low Bias			
tert-Butyl alcohol (TBA)	204		"	250	0.00	81.5	34-179				
tert-Butylbenzene	4.33		"	50.0	0.00	8.66	10-160	Low Bias			
Tetrachloroethylene	7.64		"	50.0	0.00	15.3	30-167	Low Bias			
Toluene	13.4		"	50.0	0.00	26.9	21-160				
trans-1,2-Dichloroethylene	21.9		"	50.0	0.00	43.9	29-153				
trans-1,3-Dichloropropylene	15.4		"	50.0	0.00	30.7	18-155				
Trichloroethylene	14.8		"	50.0	0.00	29.5	24-169				
Trichlorofluoromethane	19.1		"	50.0	0.00	38.3	35-142				
Vinyl Chloride	22.9		"	50.0	0.00	45.9	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*56.0*		*"*	*50.0*		*112*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*59.4*		*"*	*50.0*		*119*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
Matrix Spike Dup (BA50635-MSD1)	*Source sample: 25A0469-06 (UIC006)								Prepared & Analyzed: 01/11/2025		
1,1,1,2-Tetrachloroethane	41.5		ug/L	50.0	0.00	82.9	15-161		124	33	Non-dir.
1,1,1-Trichloroethane	40.2		"	50.0	0.00	80.4	42-145		77.7	30	Non-dir.
1,1,2,2-Tetrachloroethane	41.2		"	50.0	0.00	82.4	16-167		104	56	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.3		"	50.0	0.00	80.6	11-160		89.7	31	Non-dir.
1,1,2-Trichloroethane	41.9		"	50.0	0.00	83.8	44-145		72.2	40	Non-dir.
1,1-Dichloroethane	41.0		"	50.0	0.00	82.1	46-142		49.7	36	Non-dir.
1,1-Dichloroethylene	40.6		"	50.0	0.00	81.3	30-153		55.4	31	Non-dir.
1,2,3-Trichlorobenzene	25.8		"	50.0	0.00	51.5	10-157			47	
1,2,3-Trichloropropane	40.1		"	50.0	0.00	80.3	38-155		78.6	48	Non-dir.
1,2,4-Trichlorobenzene	26.8		"	50.0	0.00	53.5	10-151		185	52	Non-dir.
1,2,4-Trimethylbenzene	37.0		"	50.0	0.00	74.0	10-170		161	242	
1,2-Dibromo-3-chloropropane	37.6		"	50.0	0.00	75.2	36-138		146	54	Non-dir.
1,2-Dibromoethane	42.1		"	50.0	0.00	84.1	40-142		78.9	39	Non-dir.
1,2-Dichlorobenzene	34.8		"	50.0	0.00	69.5	10-147		163	52	Non-dir.
1,2-Dichloroethane	42.8		"	50.0	0.00	85.6	48-133		46.1	32	Non-dir.
1,2-Dichloropropane	40.9		"	50.0	0.00	81.8	47-141		63.0	37	Non-dir.
1,3,5-Trimethylbenzene	36.4		"	50.0	0.00	72.8	10-150		156	62	Non-dir.
1,3-Dichlorobenzene	34.0		"	50.0	0.00	68.1	10-144		162	51	Non-dir.
1,4-Dichlorobenzene	34.2		"	50.0	0.00	68.4	10-160		162	52	Non-dir.
1,4-Dioxane	1540		"	1050	0.00	146	10-191		10.5	196	
2-Butanone	51.2		"	50.0	12.2	78.0	10-189		13.4	67	
2-Hexanone	35.6		"	50.0	0.00	71.2	10-181		21.9	60	
4-Methyl-2-pentanone	38.8		"	50.0	0.00	77.5	10-166		16.1	47	
Acetone	134		"	50.0	53.3	161	10-196		14.5	150	
Acrolein	17.9		"	50.0	0.00	35.8	10-192		160	128	Non-dir.
Acrylonitrile	41.7		"	50.0	0.00	83.3	13-161		5.80	48	
Benzene	43.0		"	50.0	0.00	86.0	43-139		69.0	64	Non-dir.
Bromochloromethane	41.7		"	50.0	0.00	83.4	38-145		44.3	30	Non-dir.
Bromodichloromethane	41.5		"	50.0	0.00	83.0	38-147		77.1	37	Non-dir.
Bromoform	40.9		"	50.0	0.00	81.8	29-156		126	51	Non-dir.
Bromomethane	35.2		"	50.0	0.00	70.5	10-166		27.1	42	
Carbon disulfide	42.0		"	50.0	0.00	84.0	10-131		61.3	36	Non-dir.
Carbon tetrachloride	39.6		"	50.0	0.00	79.2	35-145		94.0	31	Non-dir.
Chlorobenzene	39.2		"	50.0	0.00	78.4	21-154		129	32	Non-dir.
Chloroethane	36.4		"	50.0	0.00	72.7	15-160		28.7	40	
Chloroform	43.0		"	50.0	0.00	85.9	47-142		63.0	29	Non-dir.
Chloromethane	24.2		"	50.0	0.00	48.5	10-159		18.2	31	
cis-1,2-Dichloroethylene	41.2		"	50.0	0.00	82.5	42-144		58.2	30	Non-dir.
cis-1,3-Dichloropropylene	39.0		"	50.0	0.00	78.0	18-159		84.5	39	Non-dir.
Cyclohexane	41.0		"	50.0	0.00	82.0	70-130		119	30	Non-dir.
Dibromochloromethane	41.1		"	50.0	0.00	82.2	10-179		101	41	Non-dir.
Dibromomethane	40.3		"	50.0	0.00	80.7	47-143		51.9	41	Non-dir.
Dichlorodifluoromethane	13.4		"	50.0	0.00	26.8	10-145		37.7	34	Non-dir.
Ethyl Benzene	39.6		"	50.0	0.00	79.1	11-158		136	42	Non-dir.
Hexachlorobutadiene	20.9		"	50.0	0.00	41.9	10-158			45	
Isopropylbenzene	37.8		"	50.0	0.00	75.6	10-162		144	57	Non-dir.
Methyl acetate	40.7		"	50.0	2.23	76.9	10-149		26.4	64	
Methyl tert-butyl ether (MTBE)	43.8		"	50.0	0.00	87.7	42-152		27.1	47	
Methylcyclohexane	32.3		"	50.0	0.00	64.5	70-130	Low Bias	133	30	Non-dir.
Methylene chloride	39.2		"	50.0	0.00	78.3	28-151		36.1	49	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50635 - EPA 5035A											
Matrix Spike Dup (BA50635-MSD1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/11/2025			
n-Butylbenzene	30.9		ug/L	50.0	0.00	61.8	10-162		171	96	Non-dir.
n-Propylbenzene	35.8		"	50.0	0.00	71.5	10-155		148	56	Non-dir.
o-Xylene	39.1		"	50.0	0.00	78.2	10-158		145	51	Non-dir.
p- & m- Xylenes	76.6		"	100	0.00	76.6	10-156		139	47	Non-dir.
p-Isopropyltoluene	34.4		"	50.0	0.00	68.7	10-147		167	60	Non-dir.
sec-Butylbenzene	33.3		"	50.0	0.00	66.6	10-157		162	56	Non-dir.
Styrene	38.3		"	50.0	0.00	76.6	13-171		185	39	Non-dir.
tert-Butyl alcohol (TBA)	203		"	250	0.00	81.2	34-179		0.349	35	
tert-Butylbenzene	35.8		"	50.0	0.00	71.6	10-160		157	79	Non-dir.
Tetrachloroethylene	34.2		"	50.0	0.00	68.3	30-167		127	33	Non-dir.
Toluene	40.4		"	50.0	0.00	80.8	21-160		100	50	Non-dir.
trans-1,2-Dichloroethylene	40.7		"	50.0	0.00	81.4	29-153		59.9	30	Non-dir.
trans-1,3-Dichloropropylene	39.6		"	50.0	0.00	79.1	18-155		88.1	30	Non-dir.
Trichloroethylene	39.3		"	50.0	0.00	78.6	24-169		90.8	30	Non-dir.
Trichlorofluoromethane	35.6		"	50.0	0.00	71.1	35-142		60.1	30	Non-dir.
Vinyl Chloride	29.4		"	50.0	0.00	58.9	12-160		24.8	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*"*	*50.0*		*97.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.6*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
Blank (BA50677-BLK1)											
Prepared: 01/13/2025 Analyzed: 01/14/2025											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.5*		*"*	*50.0*		*37.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.6*		*"*	*50.0*		*21.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.5*		*"*	*25.0*		*73.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		*"*	*25.0*		*63.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.1*		*"*	*50.0*		*64.1*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
Blank (BA50677-BLK1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Surrogate: SURR: Terphenyl-d14	*20.8*		*ug/L*	*25.0*		*83.2*	*30.7-106*				
Blank (BA50677-BLK2)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
Blank (BA50677-BLK2)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Dimethyl phthalate	ND	5.00	ug/L								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS (BA50677-BS1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	13.9	5.00	ug/L	25.0		55.6	33-95				
1,2,4,5-Tetrachlorobenzene	8.34	5.00	"	25.0		33.4	26-120				
2,3,4,6-Tetrachlorophenol	29.9	5.00	"	25.0		120	30-130				
2,4,5-Trichlorophenol	19.2	5.00	"	25.0		76.6	32-114				
2,4,6-Trichlorophenol	17.5	5.00	"	25.0		69.9	35-118				
2,4-Dichlorophenol	15.5	5.00	"	25.0		62.0	25-116				
2,4-Dimethylphenol	17.1	5.00	"	25.0		68.4	15-116				
2,4-Dinitrophenol	28.3	5.00	"	25.0		113	10-170				
2,4-Dinitrotoluene	20.7	5.00	"	25.0		82.8	41-128				
2,6-Dinitrotoluene	20.0	5.00	"	25.0		79.9	45-116				
2-Chloronaphthalene	11.8	5.00	"	25.0		47.4	33-112				
2-Chlorophenol	15.1	5.00	"	25.0		60.3	15-120				
2-Methylnaphthalene	9.58	5.00	"	25.0		38.3	24-118				
2-Methylphenol	15.1	5.00	"	25.0		60.3	10-110				
2-Nitroaniline	20.2	5.00	"	25.0		80.8	34-129				
2-Nitrophenol	16.0	5.00	"	25.0		64.0	28-118				
3- & 4-Methylphenols	11.6	5.00	"	25.0		46.4	10-107				
3,3-Dichlorobenzidine	13.3	5.00	"	25.0		53.3	15-187				
3-Nitroaniline	18.4	5.00	"	25.0		73.7	24-134				
4,6-Dinitro-2-methylphenol	32.0	5.00	"	25.0		128	10-153				
4-Bromophenyl phenyl ether	17.4	5.00	"	25.0		69.6	34-120				
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.4	20-120				
4-Chloroaniline	11.0	5.00	"	25.0		44.1	10-147				
4-Chlorophenyl phenyl ether	16.0	5.00	"	25.0		64.2	27-121				
4-Nitroaniline	22.9	5.00	"	25.0		91.4	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	13.3	5.00	"	25.0		53.2	25-110				
Benzaldehyde	11.9	5.00	"	25.0		47.6	29-117				
Benzyl butyl phthalate	20.8	5.00	"	25.0		83.1	29-133				
Bis(2-chloroethoxy)methane	15.3	5.00	"	25.0		61.2	10-154				
Bis(2-chloroethyl)ether	15.1	5.00	"	25.0		60.5	17-125				
Bis(2-chloroisopropyl)ether	14.2	5.00	"	25.0		56.6	10-139				
Caprolactam	3.46	5.00	"	25.0		13.8	10-137				
Carbazole	20.5	5.00	"	25.0		82.0	42-126				
Dibenzofuran	14.4	5.00	"	25.0		57.5	36-113				
Diethyl phthalate	19.7	5.00	"	25.0		78.9	38-115				
Dimethyl phthalate	17.9	5.00	"	25.0		71.6	38-129				
Di-n-butyl phthalate	20.6	5.00	"	25.0		82.5	31-120				
Di-n-octyl phthalate	21.0	5.00	"	25.0		84.2	21-149				
Hexachlorocyclopentadiene	6.98	10.0	"	25.0		27.9	10-130				
Isophorone	16.9	5.00	"	25.0		67.6	25-127				
N-nitroso-di-n-propylamine	21.5	5.00	"	25.0		85.9	26-122				
N-Nitrosodiphenylamine	22.2	5.00	"	25.0		89.0	23-149				
Phenol	6.30	5.00	"	25.0		25.2	10-110				
Pyridine	3.63	5.00	"	35.0		10.4	10-90				
Surrogate: SURR: 2-Fluorophenol	*17.3*		*"*	*50.0*		*34.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.9*		*"*	*50.0*		*21.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.1*		*"*	*25.0*		*64.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.6*		*"*	*25.0*		*58.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.8*		*"*	*50.0*		*77.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*68.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS (BA50677-BS2)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.460	0.0500	"	1.00		46.0	25-116				
Acenaphthylene	0.490	0.0500	"	1.00		49.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Anthracene	0.490	0.0500	"	1.00		49.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.540	0.0500	"	1.00		54.0	33-125				
Benzo(a)pyrene	0.540	0.0500	"	1.00		54.0	32-132				
Benzo(b)fluoranthene	0.520	0.0500	"	1.00		52.0	22-137				
Benzo(g,h,i)perylene	0.770	0.0500	"	1.00		77.0	10-138				
Benzo(k)fluoranthene	0.660	0.0500	"	1.00		66.0	20-137				
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	0.810	0.500	"	1.00		81.0	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	0.520	0.0500	"	1.00		52.0	32-124				
Dibenzo(a,h)anthracene	0.640	0.0500	"	1.00		64.0	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Fluoranthene	0.610	0.0500	"	1.00		61.0	32-121				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS (BA50677-BS2)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
Fluorene	0.480	0.0500	ug/L	1.00		48.0	28-118				
Hexachlorobenzene	0.550	0.0200	"	1.00		55.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.640	0.0500	"	1.00		64.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.430	0.0500	"	1.00		43.0	18-120				
Nitrobenzene	ND	0.250	"	1.00			21-121	Low Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	0.490	0.0500	"	1.00		49.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.490	0.0500	"	1.00		49.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				
LCS Dup (BA50677-BSD1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	14.0	5.00	ug/L	25.0		56.0	33-95		0.645	20	
1,2,4,5-Tetrachlorobenzene	8.85	5.00	"	25.0		35.4	26-120		5.93	20	
2,3,4,6-Tetrachlorophenol	27.9	5.00	"	25.0		112	30-130		6.99	20	
2,4,5-Trichlorophenol	18.4	5.00	"	25.0		73.5	32-114		4.16	20	
2,4,6-Trichlorophenol	16.3	5.00	"	25.0		65.3	35-118		6.75	20	
2,4-Dichlorophenol	14.5	5.00	"	25.0		58.1	25-116		6.46	20	
2,4-Dimethylphenol	16.4	5.00	"	25.0		65.4	15-116		4.48	20	
2,4-Dinitrophenol	28.2	5.00	"	25.0		113	10-170		0.283	20	
2,4-Dinitrotoluene	20.2	5.00	"	25.0		81.0	41-128		2.20	20	
2,6-Dinitrotoluene	18.8	5.00	"	25.0		75.4	45-116		5.87	20	
2-Chloronaphthalene	11.9	5.00	"	25.0		47.5	33-112		0.169	20	
2-Chlorophenol	14.0	5.00	"	25.0		55.8	15-120		7.65	20	
2-Methylnaphthalene	9.90	5.00	"	25.0		39.6	24-118		3.29	20	
2-Methylphenol	13.8	5.00	"	25.0		55.3	10-110		8.72	20	
2-Nitroaniline	19.0	5.00	"	25.0		76.1	34-129		6.01	20	
2-Nitrophenol	15.2	5.00	"	25.0		60.7	28-118		5.20	20	
3- & 4-Methylphenols	10.5	5.00	"	25.0		41.9	10-107		10.2	20	
3,3-Dichlorobenzidine	11.2	5.00	"	25.0		44.7	15-187		17.6	20	
3-Nitroaniline	16.7	5.00	"	25.0		66.8	24-134		9.85	20	
4,6-Dinitro-2-methylphenol	22.7	5.00	"	25.0		90.7	10-153		33.9	20	Non-dir.
4-Bromophenyl phenyl ether	12.2	5.00	"	25.0		48.8	34-120		35.1	20	Non-dir.
4-Chloro-3-methylphenol	17.9	5.00	"	25.0		71.6	20-120		6.43	20	
4-Chloroaniline	9.95	5.00	"	25.0		39.8	10-147		10.3	20	
4-Chlorophenyl phenyl ether	14.2	5.00	"	25.0		56.9	27-121		12.0	20	
4-Nitroaniline	17.0	5.00	"	25.0		68.2	13-134		29.1	20	Non-dir.
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias		20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
LCS Dup (BA50677-BSD1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Acetophenone	12.2	5.00	ug/L	25.0		49.0	25-110		8.30	20	
Benzaldehyde	11.3	5.00	"	25.0		45.4	29-117		4.82	20	
Benzyl butyl phthalate	23.2	5.00	"	25.0		92.8	29-133		11.0	20	
Bis(2-chloroethoxy)methane	14.2	5.00	"	25.0		56.6	10-154		7.74	20	
Bis(2-chloroethyl)ether	14.0	5.00	"	25.0		55.8	17-125		8.05	20	
Bis(2-chloroisopropyl)ether	13.2	5.00	"	25.0		52.9	10-139		6.80	20	
Caprolactam	3.21	5.00	"	25.0		12.8	10-137		7.50	20	
Carbazole	19.9	5.00	"	25.0		79.7	42-126		2.82	20	
Dibenzofuran	13.9	5.00	"	25.0		55.6	36-113		3.25	20	
Diethyl phthalate	18.7	5.00	"	25.0		74.8	38-115		5.31	20	
Dimethyl phthalate	17.5	5.00	"	25.0		70.1	38-129		2.14	20	
Di-n-butyl phthalate	21.1	5.00	"	25.0		84.3	31-120		2.16	20	
Di-n-octyl phthalate	21.6	5.00	"	25.0		86.4	21-149		2.63	20	
Hexachlorocyclopentadiene	8.35	10.0	"	25.0		33.4	10-130		17.9	20	
Isophorone	16.3	5.00	"	25.0		65.1	25-127		3.74	20	
N-nitroso-di-n-propylamine	21.0	5.00	"	25.0		83.8	26-122		2.50	20	
N-Nitrosodiphenylamine	17.7	5.00	"	25.0		70.9	23-149		22.6	20	Non-dir.
Phenol	5.73	5.00	"	25.0		22.9	10-110		9.48	20	
Pyridine	5.45	5.00	"	35.0		15.6	10-90		40.1	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*15.4*		*"*	*50.0*		*30.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.91*		*"*	*50.0*		*19.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.1*		*"*	*25.0*		*60.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.0*		*"*	*25.0*		*55.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*26.8*		*"*	*50.0*		*53.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.1*		*"*	*25.0*		*72.4*	*30.7-106*				
Batch BA50685 - EPA 3550C											
Blank (BA50685-BLK1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	0.550	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50685 - EPA 3550C											
Blank (BA50685-BLK1)											
Prepared: 01/13/2025 Analyzed: 01/14/2025											
3,3-Dichlorobenzidine	ND	0.0416	mg/kg wet								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	0.0209	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	0.0216	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	0.0209	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50685 - EPA 3550C											
Blank (BA50685-BLK1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
Pentachlorophenol	0.0272	0.0416	mg/kg wet								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.33*		"	*1.66*		*80.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.25*		"	*1.66*		*75.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.659*		"	*0.831*		*79.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.563*		"	*0.831*		*67.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.49*		"	*1.66*		*89.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.619*		"	*0.831*		*74.5*	*24-116*				
LCS (BA50685-BS1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	0.710	0.0416	mg/kg wet	0.831		85.4	18-111				
1,2,4,5-Tetrachlorobenzene	0.695	0.0830	"				21-131				
1,2,4-Trichlorobenzene	0.752	0.0416	"	0.831		90.5	10-140				
1,2-Dichlorobenzene	0.680	0.0416	"	0.831		81.9	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.747	0.0416	"	0.831		90.0	17-137				
1,3-Dichlorobenzene	0.675	0.0416	"	0.831		81.3	33-110				
1,4-Dichlorobenzene	0.673	0.0416	"	0.831		81.0	32-104				
2,3,4,6-Tetrachlorophenol	0.967	0.0830	"	0.831		116	30-130				
2,4,5-Trichlorophenol	0.849	0.0416	"	0.831		102	27-118				
2,4,6-Trichlorophenol	0.830	0.0416	"	0.831		100	31-120				
2,4-Dichlorophenol	0.878	0.0416	"	0.831		106	20-127				
2,4-Dimethylphenol	0.718	0.0416	"	0.831		86.5	14-132				
2,4-Dinitrophenol	1.41	0.0830	"	0.831		169	10-171				
2,4-Dinitrotoluene	0.892	0.0416	"	0.831		107	34-131				
2,6-Dinitrotoluene	0.871	0.0416	"	0.831		105	31-128				
2-Chloronaphthalene	0.692	0.0416	"	0.831		83.4	31-117				
2-Chlorophenol	0.774	0.0416	"	0.831		93.2	33-113				
2-Methylnaphthalene	0.708	0.0416	"	0.831		85.3	12-138				
2-Methylphenol	0.758	0.0416	"	0.831		91.3	10-136				
2-Nitroaniline	0.847	0.0830	"	0.831		102	27-132				
2-Nitrophenol	0.945	0.0416	"	0.831		114	17-129				
3- & 4-Methylphenols	0.690	0.0416	"	0.831		83.0	29-103				
3,3-Dichlorobenzidine	0.590	0.0416	"	0.831		71.0	22-149				
3-Nitroaniline	0.620	0.0830	"	0.831		74.7	20-133				
4,6-Dinitro-2-methylphenol	1.33	0.0830	"	0.831		160	10-143	High Bias			
4-Bromophenyl phenyl ether	0.750	0.0416	"	0.831		90.3	29-120				
4-Chloro-3-methylphenol	0.864	0.0416	"	0.831		104	24-129				
4-Chloroaniline	0.481	0.0416	"	0.831		58.0	10-132				
4-Chlorophenyl phenyl ether	0.717	0.0416	"	0.831		86.3	27-124				
4-Nitroaniline	0.757	0.0830	"	0.831		91.2	16-128				
4-Nitrophenol	0.942	0.0830	"	0.831		113	10-141				
Acenaphthene	0.664	0.0416	"	0.831		79.9	30-121				
Acenaphthylene	0.739	0.0416	"	0.831		89.0	30-115				
Acetophenone	0.707	0.0416	"	0.831		85.1	20-112				
Aniline	0.623	0.166	"	0.831		75.0	10-119				
Anthracene	0.749	0.0416	"	0.831		90.1	34-118				
Atrazine	0.784	0.0416	"	0.831		94.4	26-112				
Benzaldehyde	0.685	0.0416	"	0.831		82.4	21-100				
Benzo(a)anthracene	0.766	0.0416	"	0.831		92.2	32-122				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50685 - EPA 3550C											
LCS (BA50685-BS1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Benzo(a)pyrene	0.668	0.0416	mg/kg wet	0.831		80.5	29-133				
Benzo(b)fluoranthene	0.723	0.0416	"	0.831		87.0	25-133				
Benzo(g,h,i)perylene	0.812	0.0416	"	0.831		97.8	10-143				
Benzo(k)fluoranthene	0.670	0.0416	"	0.831		80.7	25-128				
Benzoic acid	1.08	0.0416	"	1.66		65.0	10-140				
Benzyl alcohol	0.745	0.0416	"	0.831		89.7	30-115				
Benzyl butyl phthalate	0.791	0.0416	"	0.831		95.2	26-126				
Bis(2-chloroethoxy)methane	0.758	0.0416	"	0.831		91.2	19-132				
Bis(2-chloroethyl)ether	0.691	0.0416	"	0.831		83.2	19-125				
Bis(2-chloroisopropyl)ether	0.671	0.0416	"	0.831		80.8	20-135				
Bis(2-ethylhexyl)phthalate	0.781	0.0416	"	0.831		94.0	10-155				
Caprolactam	0.891	0.0830	"	0.831		107	10-127				
Carbazole	0.754	0.0416	"	0.831		90.8	35-123				
Chrysene	0.738	0.0416	"	0.831		88.9	32-123				
Dibenzo(a,h)anthracene	0.746	0.0416	"	0.831		89.8	10-136				
Dibenzofuran	0.724	0.0416	"	0.831		87.1	29-121				
Diethyl phthalate	0.756	0.0416	"	0.831		91.0	34-116				
Dimethyl phthalate	0.746	0.0416	"	0.831		89.8	35-124				
Di-n-butyl phthalate	0.777	0.0416	"	0.831		93.5	31-116				
Di-n-octyl phthalate	0.759	0.0416	"	0.831		91.4	26-136				
Fluoranthene	0.749	0.0416	"	0.831		90.2	33-122				
Fluorene	0.733	0.0416	"	0.831		88.2	29-123				
Hexachlorobenzene	0.730	0.0416	"	0.831		87.8	21-124				
Hexachlorobutadiene	0.731	0.0416	"	0.831		88.0	10-149				
Hexachlorocyclopentadiene	0.528	0.0416	"	0.831		63.6	10-129				
Hexachloroethane	0.671	0.0416	"	0.831		80.8	28-108				
Indeno(1,2,3-cd)pyrene	0.917	0.0416	"	0.831		110	10-135				
Isophorone	0.757	0.0416	"	0.831		91.2	20-132				
Naphthalene	0.737	0.0416	"	0.831		88.7	23-124				
Nitrobenzene	0.778	0.0416	"	0.831		93.6	13-132				
N-Nitrosodimethylamine	0.684	0.0416	"	0.831		82.3	11-129				
N-nitroso-di-n-propylamine	0.656	0.0416	"	0.831		79.0	24-119				
N-Nitrosodiphenylamine	0.837	0.0416	"	0.831		101	22-152				
Pentachlorophenol	0.888	0.0416	"	0.831		107	10-139				
Phenanthrene	0.749	0.0416	"	0.831		90.2	33-123				
Phenol	0.790	0.0416	"	0.831		95.1	23-115				
Pyrene	0.792	0.0416	"	0.831		95.3	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.32*		*"*	*1.66*		*79.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.25*		*"*	*1.66*		*75.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.652*		*"*	*0.831*		*78.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.558*		*"*	*0.831*		*67.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.72*		*"*	*1.66*		*103*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.632*		*"*	*0.831*		*76.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50685 - EPA 3550C											
Matrix Spike (BA50685-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared: 01/13/2025 Analyzed: 01/14/2025			
1,1-Biphenyl	0.966	0.119	mg/kg dry	1.19	ND	81.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.950	0.238	"		ND		10-133				
1,2,4-Trichlorobenzene	0.941	0.119	"	1.19	ND	79.1	10-127				
1,2-Dichlorobenzene	0.780	0.119	"	1.19	ND	65.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.956	0.119	"	1.19	ND	80.4	10-144				
1,3-Dichlorobenzene	0.732	0.119	"	1.19	ND	61.5	11-111				
1,4-Dichlorobenzene	0.767	0.119	"	1.19	ND	64.5	10-106				
2,3,4,6-Tetrachlorophenol	1.36	0.238	"	1.19	ND	114	30-130				
2,4,5-Trichlorophenol	1.18	0.119	"	1.19	ND	99.5	10-127				
2,4,6-Trichlorophenol	1.11	0.119	"	1.19	ND	93.5	10-132				
2,4-Dichlorophenol	1.19	0.119	"	1.19	ND	99.8	10-128				
2,4-Dimethylphenol	0.921	0.119	"	1.19	ND	77.4	10-137				
2,4-Dinitrophenol	0.823	0.238	"	1.19	ND	69.2	10-171				
2,4-Dinitrotoluene	1.11	0.119	"	1.19	ND	93.6	16-135				
2,6-Dinitrotoluene	1.11	0.119	"	1.19	ND	93.1	18-131				
2-Chloronaphthalene	0.931	0.119	"	1.19	ND	78.3	10-129				
2-Chlorophenol	0.970	0.119	"	1.19	ND	81.6	15-116				
2-Methylnaphthalene	0.918	0.119	"	1.19	ND	77.2	10-147				
2-Methylphenol	0.984	0.119	"	1.19	ND	82.7	10-136				
2-Nitroaniline	1.13	0.238	"	1.19	ND	95.4	10-137				
2-Nitrophenol	1.17	0.119	"	1.19	ND	98.2	10-129				
3- & 4-Methylphenols	0.893	0.119	"	1.19	ND	75.1	10-123				
3,3-Dichlorobenzidine	ND	0.119	"	1.19	ND		10-155	Low Bias			
3-Nitroaniline	0.384	0.238	"	1.19	ND	32.3	12-133				
4,6-Dinitro-2-methylphenol	0.819	0.238	"	1.19	ND	68.9	10-155				
4-Bromophenyl phenyl ether	0.966	0.119	"	1.19	ND	81.2	14-128				
4-Chloro-3-methylphenol	1.13	0.119	"	1.19	ND	94.7	10-134				
4-Chloroaniline	0.329	0.119	"	1.19	ND	27.7	10-145				
4-Chlorophenyl phenyl ether	0.949	0.119	"	1.19	ND	79.8	14-130				
4-Nitroaniline	0.410	0.238	"	1.19	ND	34.5	10-147				
4-Nitrophenol	1.23	0.238	"	1.19	ND	104	10-137				
Acenaphthene	1.27	0.119	"	1.19	0.284	83.0	10-146				
Acenaphthylene	1.03	0.119	"	1.19	0.0754	80.2	10-134				
Acetophenone	0.897	0.119	"	1.19	ND	75.4	10-116				
Aniline	0.250	0.477	"	1.19	ND	21.0	10-123				
Anthracene	2.02	0.119	"	1.19	0.860	97.1	10-142				
Atrazine	0.887	0.119	"	1.19	ND	74.6	19-115				
Benzaldehyde	0.864	0.119	"	1.19	ND	72.6	10-125				
Benzo(a)anthracene	6.76	0.119	"	1.19	4.95	152	10-158				
Benzo(a)pyrene	7.83	0.119	"	1.19	5.51	195	10-180	High Bias			
Benzo(b)fluoranthene	11.7	0.119	"	1.19	9.90	149	10-200				
Benzo(g,h,i)perylene	5.74	0.119	"	1.19	4.15	134	10-138				
Benzo(k)fluoranthene	4.52	0.119	"	1.19	7.68	NR	10-197	Low Bias			
Benzoic acid	1.25	0.119	"	2.38	ND	52.4	10-166				
Benzyl alcohol	0.913	0.119	"	1.19	ND	76.8	12-124				
Benzyl butyl phthalate	1.01	0.119	"	1.19	ND	85.0	10-154				
Bis(2-chloroethoxy)methane	0.937	0.119	"	1.19	ND	78.8	10-132				
Bis(2-chloroethyl)ether	0.922	0.119	"	1.19	ND	77.5	10-119				
Bis(2-chloroisopropyl)ether	0.850	0.119	"	1.19	ND	71.4	10-139				
Bis(2-ethylhexyl)phthalate	1.15	0.119	"	1.19	0.259	75.3	10-167				
Caprolactam	1.20	0.238	"	1.19	ND	101	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50685 - EPA 3550C											
Matrix Spike (BA50685-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared: 01/13/2025 Analyzed: 01/14/2025			
Carbazole	2.41	0.119	mg/kg dry	1.19	1.15	105	10-167				
Chrysene	9.69	0.119	"	1.19	8.66	87.1	10-156				
Dibenzo(a,h)anthracene	2.73	0.119	"	1.19	1.80	77.8	10-137				
Dibenzofuran	1.13	0.119	"	1.19	0.129	84.5	10-147				
Diethyl phthalate	0.969	0.119	"	1.19	ND	81.4	20-120				
Dimethyl phthalate	0.947	0.119	"	1.19	ND	79.6	18-131				
Di-n-butyl phthalate	1.05	0.119	"	1.19	ND	87.9	10-137				
Di-n-octyl phthalate	1.04	0.119	"	1.19	ND	87.1	10-180				
Fluoranthene	13.7	0.119	"	1.19	16.9	NR	10-160	Low Bias			
Fluorene	1.51	0.119	"	1.19	0.448	89.7	10-157				
Hexachlorobenzene	0.983	0.119	"	1.19	ND	82.6	10-137				
Hexachlorobutadiene	0.910	0.119	"	1.19	ND	76.5	10-132				
Hexachlorocyclopentadiene	0.264	0.119	"	1.19	ND	22.2	10-106				
Hexachloroethane	0.783	0.119	"	1.19	ND	65.8	10-110				
Indeno(1,2,3-cd)pyrene	6.50	0.119	"	1.19	4.44	173	10-144	High Bias			
Isophorone	0.957	0.119	"	1.19	ND	80.5	10-132				
Naphthalene	0.959	0.119	"	1.19	ND	80.6	10-141				
Nitrobenzene	0.967	0.119	"	1.19	ND	81.3	10-131				
N-Nitrosodimethylamine	0.750	0.119	"	1.19	ND	63.0	10-126				
N-nitroso-di-n-propylamine	0.840	0.119	"	1.19	ND	70.6	10-125				
N-Nitrosodiphenylamine	1.30	0.119	"	1.19	ND	109	10-177				
Pentachlorophenol	1.56	0.119	"	1.19	ND	131	10-153				
Phenanthrene	7.25	0.119	"	1.19	8.18	NR	10-148	Low Bias			
Phenol	1.00	0.119	"	1.19	ND	84.1	10-126				
Pyrene	11.1	0.119	"	1.19	13.1	NR	10-165	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*1.58*		*"*	*2.38*		*66.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.58*		*"*	*2.38*		*66.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.793*		*"*	*1.19*		*66.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.732*		*"*	*1.19*		*61.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.15*		*"*	*2.38*		*90.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.795*		*"*	*1.19*		*66.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50685 - EPA 3550C											
Matrix Spike Dup (BA50685-MSD1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
1,1-Biphenyl	1.04	0.119	mg/kg dry	1.19	ND	87.5	10-130		7.49	30	
1,2,4,5-Tetrachlorobenzene	1.01	0.238	"		ND		10-133		5.93	30	
1,2,4-Trichlorobenzene	1.02	0.119	"	1.19	ND	85.9	10-127		8.24	30	
1,2-Dichlorobenzene	0.879	0.119	"	1.19	ND	73.9	14-111		11.9	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.03	0.119	"	1.19	ND	86.2	10-144		7.01	30	
1,3-Dichlorobenzene	0.824	0.119	"	1.19	ND	69.3	11-111		11.9	30	
1,4-Dichlorobenzene	0.864	0.119	"	1.19	ND	72.6	10-106		11.9	30	
2,3,4,6-Tetrachlorophenol	1.40	0.238	"	1.19	ND	118	30-130		3.03	30	
2,4,5-Trichlorophenol	1.32	0.119	"	1.19	ND	111	10-127		10.9	30	
2,4,6-Trichlorophenol	1.24	0.119	"	1.19	ND	104	10-132		11.1	30	
2,4-Dichlorophenol	1.25	0.119	"	1.19	ND	106	10-128		5.53	30	
2,4-Dimethylphenol	0.995	0.119	"	1.19	ND	83.7	10-137		7.75	30	
2,4-Dinitrophenol	0.235	0.238	"	1.19	ND	19.8	10-171		111	30	Non-dir.
2,4-Dinitrotoluene	1.06	0.119	"	1.19	ND	88.8	16-135		5.26	30	
2,6-Dinitrotoluene	1.08	0.119	"	1.19	ND	90.9	18-131		2.43	30	
2-Chloronaphthalene	1.02	0.119	"	1.19	ND	85.7	10-129		8.98	30	
2-Chlorophenol	1.06	0.119	"	1.19	ND	89.4	15-116		9.08	30	
2-Methylnaphthalene	0.993	0.119	"	1.19	ND	83.5	10-147		7.86	30	
2-Methylphenol	1.08	0.119	"	1.19	ND	90.6	10-136		9.05	30	
2-Nitroaniline	1.37	0.238	"	1.19	ND	115	10-137		19.1	30	
2-Nitrophenol	1.17	0.119	"	1.19	ND	98.7	10-129		0.487	30	
3- & 4-Methylphenols	0.971	0.119	"	1.19	ND	81.7	10-123		8.37	30	
3,3-Dichlorobenzidine	0.126	0.119	"	1.19	ND	10.6	10-155			30	
3-Nitroaniline	0.845	0.238	"	1.19	ND	71.0	12-133		74.9	30	Non-dir.
4,6-Dinitro-2-methylphenol	0.235	0.238	"	1.19	ND	19.8	10-155		111	30	Non-dir.
4-Bromophenyl phenyl ether	1.06	0.119	"	1.19	ND	88.9	14-128		9.03	30	
4-Chloro-3-methylphenol	1.27	0.119	"	1.19	ND	107	10-134		12.0	30	
4-Chloroaniline	0.587	0.119	"	1.19	ND	49.4	10-145		56.3	30	Non-dir.
4-Chlorophenyl phenyl ether	1.06	0.119	"	1.19	ND	89.5	14-130		11.5	30	
4-Nitroaniline	0.814	0.238	"	1.19	ND	68.5	10-147		66.0	30	Non-dir.
4-Nitrophenol	1.24	0.238	"	1.19	ND	104	10-137		0.231	30	
Acenaphthene	1.24	0.119	"	1.19	0.284	80.4	10-146		2.50	30	
Acenaphthylene	1.10	0.119	"	1.19	0.0754	86.5	10-134		6.96	30	
Acetophenone	0.975	0.119	"	1.19	ND	82.0	10-116		8.33	30	
Aniline	0.519	0.477	"	1.19	ND	43.6	10-123		69.8	30	Non-dir.
Anthracene	1.72	0.119	"	1.19	0.860	72.0	10-142		16.0	30	
Atrazine	1.02	0.119	"	1.19	ND	86.2	19-115		14.4	30	
Benzaldehyde	0.947	0.119	"	1.19	ND	79.6	10-125		9.14	30	
Benzo(a)anthracene	5.12	0.119	"	1.19	4.95	14.7	10-158		27.5	30	
Benzo(a)pyrene	5.49	0.119	"	1.19	5.51	NR	10-180	Low Bias	35.2	30	Non-dir.
Benzo(b)fluoranthene	7.64	0.119	"	1.19	9.90	NR	10-200	Low Bias	41.8	30	Non-dir.
Benzo(g,h,i)perylene	3.64	0.119	"	1.19	4.15	NR	10-138	Low Bias	44.8	30	Non-dir.
Benzo(k)fluoranthene	4.77	0.119	"	1.19	7.68	NR	10-197	Low Bias	5.34	30	
Benzoic acid	1.36	0.119	"	2.38	ND	57.3	10-166		8.97	30	
Benzyl alcohol	0.998	0.119	"	1.19	ND	83.9	12-124		8.86	30	
Benzyl butyl phthalate	1.17	0.119	"	1.19	ND	98.6	10-154		14.8	30	
Bis(2-chloroethoxy)methane	1.01	0.119	"	1.19	ND	85.0	10-132		7.62	30	
Bis(2-chloroethyl)ether	1.01	0.119	"	1.19	ND	85.0	10-119		9.16	30	
Bis(2-chloroisopropyl)ether	0.916	0.119	"	1.19	ND	77.0	10-139		7.54	30	
Bis(2-ethylhexyl)phthalate	1.26	0.119	"	1.19	0.259	84.1	10-167		8.75	30	
Caprolactam	1.32	0.238	"	1.19	ND	111	10-132		9.59	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50685 - EPA 3550C											
Matrix Spike Dup (BA50685-MSD1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
Carbazole	2.01	0.119	mg/kg dry	1.19	1.15	72.1	10-167		18.0	30	
Chrysene	7.25	0.119	"	1.19	8.66	NR	10-156	Low Bias	28.8	30	
Dibenzo(a,h)anthracene	1.69	0.119	"	1.19	1.80	NR	10-137	Low Bias	46.7	30	Non-dir.
Dibenzofuran	1.19	0.119	"	1.19	0.129	88.8	10-147		4.43	30	
Diethyl phthalate	1.05	0.119	"	1.19	ND	88.1	20-120		7.83	30	
Dimethyl phthalate	1.01	0.119	"	1.19	ND	85.2	18-131		6.80	30	
Di-n-butyl phthalate	1.14	0.119	"	1.19	ND	95.7	10-137		8.45	30	
Di-n-octyl phthalate	1.18	0.119	"	1.19	ND	99.6	10-180		13.4	30	
Fluoranthene	11.2	0.119	"	1.19	16.9	NR	10-160	Low Bias	19.8	30	
Fluorene	1.44	0.119	"	1.19	0.448	83.0	10-157		5.35	30	
Hexachlorobenzene	1.11	0.119	"	1.19	ND	93.4	10-137		12.2	30	
Hexachlorobutadiene	0.988	0.119	"	1.19	ND	83.0	10-132		8.22	30	
Hexachlorocyclopentadiene	0.127	0.119	"	1.19	ND	10.6	10-106		70.2	30	Non-dir.
Hexachloroethane	0.771	0.119	"	1.19	ND	64.8	10-110		1.59	30	
Indeno(1,2,3-cd)pyrene	4.29	0.119	"	1.19	4.44	NR	10-144	Low Bias	40.8	30	Non-dir.
Isophorone	1.03	0.119	"	1.19	ND	87.0	10-132		7.74	30	
Naphthalene	1.04	0.119	"	1.19	ND	87.4	10-141		8.00	30	
Nitrobenzene	1.04	0.119	"	1.19	ND	87.6	10-131		7.48	30	
N-Nitrosodimethylamine	0.870	0.119	"	1.19	ND	73.1	10-126		14.8	30	
N-nitroso-di-n-propylamine	0.918	0.119	"	1.19	ND	77.2	10-125		8.87	30	
N-Nitrosodiphenylamine	1.27	0.119	"	1.19	ND	107	10-177		1.85	30	
Pentachlorophenol	1.70	0.119	"	1.19	ND	143	10-153		8.51	30	
Phenanthrene	6.31	0.119	"	1.19	8.18	NR	10-148	Low Bias	13.9	30	
Phenol	1.10	0.119	"	1.19	ND	92.6	10-126		9.69	30	
Pyrene	9.35	0.119	"	1.19	13.1	NR	10-165	Low Bias	17.2	30	
Surrogate: SURR: 2-Fluorophenol	*1.72*		"	*2.38*		*72.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.69*		"	*2.38*		*71.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.865*		"	*1.19*		*72.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.797*		"	*1.19*		*67.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.41*		"	*2.38*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.916*		"	*1.19*		*77.0*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50568 - EPA 3550C											
Blank (BA50568-BLK1)									Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*584*		*"*	*495*		*118*	*39-127.5*				
LCS (BA50568-BS1)									Prepared: 01/10/2025 Analyzed: 01/13/2025		
1,4-Dioxane	531	19.8	ug/kg	495		107	40-130				
Surrogate: 1,4-Dioxane-d8	*545*		*"*	*495*		*110*	*39-127.5*				
Batch BA50761 - EPA 3535A											
Blank (BA50761-BLK1)									Prepared & Analyzed: 01/14/2025		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				
LCS (BA50761-BS1)									Prepared & Analyzed: 01/14/2025		
1,4-Dioxane	4.21	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.04*		*"*	*4.00*		*76.0*	*36.6-118*				
Batch BA50764 - EPA 3550C											
Blank (BA50764-BLK1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*554*		*"*	*495*		*112*	*39-127.5*				
LCS (BA50764-BS1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
1,4-Dioxane	495	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8	*594*		*"*	*495*		*120*	*39-127.5*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50764 - EPA 3550C											
Matrix Spike (BA50764-MS1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/14/2025 Analyzed: 01/15/2025		
1,4-Dioxane	490	19.6	ug/kg	490	ND	100	40-130				
Surrogate: 1,4-Dioxane-d8	*461*		*"*	*490*		*94.0*	*40-130*				
Matrix Spike Dup (BA50764-MSD1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/14/2025 Analyzed: 01/15/2025		
1,4-Dioxane	480	19.6	ug/kg	490	ND	98.0	40-130		2.02	30	
Surrogate: 1,4-Dioxane-d8	*471*		*"*	*490*		*96.0*	*40-130*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
Blank (BA50650-BLK1)											Prepared: 01/12/2025 Analyzed: 01/13/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*24.3*		*"*	*23.3*		*104*	*25-150*				
Surrogate: M5PFHxA	*25.8*		*"*	*25.0*		*103*	*25-150*				
Surrogate: M4PFHpA	*28.9*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*25.0*		*"*	*23.7*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*23.2*		*"*	*25.0*		*92.8*	*25-150*				
Surrogate: M6PFDA	*14.3*		*"*	*12.5*		*114*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
Blank (BA50650-BLK1)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Surrogate: M7PFUdA	*11.9*		*ng/L*	*12.5*		*95.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*9.09*		*"*	*12.5*		*72.7*	*25-150*				
Surrogate: M2PFTeDA	*6.37*		*"*	*12.5*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.41*		*"*	*100*		*2.41*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*23.6*		*"*	*23.9*		*98.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*28.3*		*"*	*50.0*		*56.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.6*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.6*		*"*	*50.0*		*97.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.9*		*"*	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*31.5*		*"*	*47.5*		*66.2*	*25-200*				
Surrogate: M2-8:2 FTS	*34.2*		*"*	*48.0*		*71.3*	*25-200*				
Surrogate: M9PFNA	*14.3*		*"*	*12.5*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*33.5*		*"*	*46.9*		*71.5*	*25-150*				
Surrogate: d-N-MeFOSA	*17.5*		*"*	*25.0*		*69.9*	*25-150*				
Surrogate: d-N-EtFOSA	*16.0*		*"*	*25.0*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*90.9*		*"*	*100*		*90.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*173*		*"*	*250*		*69.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*182*		*"*	*250*		*72.8*	*25-150*				
LCS (BA50650-BS1)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Perfluorobutanesulfonic acid (PFBS)	36.9	1.77	ng/L	35.4		104	50-150				
Perfluorohexanoic acid (PFHxA)	39.9	2.00	"	40.0		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	33.1	2.00	"	40.0		82.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	39.9	1.83	"	36.6		109	50-150				
Perfluorooctanoic acid (PFOA)	36.0	2.00	"	40.0		90.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	34.1	1.86	"	37.2		91.8	50-150				
Perfluorononanoic acid (PFNA)	36.5	2.00	"	40.0		91.3	50-150				
Perfluorodecanoic acid (PFDA)	31.9	2.00	"	40.0		79.7	50-150				
Perfluoroundecanoic acid (PFUnA)	42.0	2.00	"	40.0		105	50-150				
Perfluorododecanoic acid (PFDoA)	41.0	2.00	"	40.0		102	50-150				
Perfluorotridecanoic acid (PFTrDA)	60.0	2.00	"	40.0		150	50-150				
Perfluorotetradecanoic acid (PFTA)	37.7	2.00	"	40.0		94.4	50-150				
N-MeFOSAA	42.0	2.00	"	40.0		105	50-150				
N-EtFOSAA	42.7	2.00	"	40.0		107	50-150				
Perfluoropentanoic acid (PFPeA)	77.9	4.00	"	80.0		97.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	31.4	2.00	"	40.0		78.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	31.9	1.91	"	38.2		83.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	33.3	1.93	"	38.6		86.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	140	7.60	"	152		92.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	169	7.68	"	154		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	123	8.00	"	160		77.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.6	3.56	"	71.2		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	62.6	4.00	"	80.0		78.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	9.60	4.00	"	80.0		12.0	50-150	Low Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS1)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	111	4.00	ng/L	80.0		138	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	40.0	1.88	"	37.6		106	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	168	7.50	"	150		112	50-150				
HFPO-DA (Gen-X)	83.9	8.00	"	80.0		105	50-150				
11CL-PF3OUdS	72.0	7.56	"	75.6		95.2	50-150				
9CL-PF3ONS	77.3	7.48	"	74.8		103	50-150				
ADONA	84.0	7.56	"	75.6		111	50-150				
Perfluorododecanesulfonic acid (PFDoS)	23.5	1.94	"	38.8		60.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	36.4	1.92	"	38.4		94.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	96.1	5.00	"	160		60.1	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	836	25.0	"	800		105	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	869	25.0	"	800		109	50-150				
N-MeFOSE	418	20.0	"	400		105	50-150				
N-MeFOSA	42.8	2.00	"	40.0		107	50-150				
N-EtFOSE	423	20.0	"	400		106	50-150				
N-EtFOSA	34.0	2.00	"	40.0		84.9	50-150				
Surrogate: M3PFBS	*24.9*		*"*	*23.3*		*107*	*25-150*				
Surrogate: M5PFHxA	*22.2*		*"*	*25.0*		*88.8*	*25-150*				
Surrogate: M4PFHpA	*26.7*		*"*	*25.0*		*107*	*25-150*				
Surrogate: M3PFHxS	*25.8*		*"*	*23.7*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.7*		*"*	*25.0*		*98.8*	*25-150*				
Surrogate: M6PFDA	*15.3*		*"*	*12.5*		*123*	*25-150*				
Surrogate: M7PFUdA	*13.0*		*"*	*12.5*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*10.3*		*"*	*12.5*		*82.3*	*25-150*				
Surrogate: M2PFTeDA	*6.95*		*"*	*12.5*		*55.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.82*		*"*	*100*		*2.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.2*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*24.6*		*"*	*50.0*		*49.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*27.4*		*"*	*25.0*		*110*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.0*		*"*	*50.0*		*96.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.7*		*"*	*50.0*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*48.4*		*"*	*47.6*		*102*	*25-200*				
Surrogate: M2-8:2 FTS	*52.5*		*"*	*48.0*		*109*	*25-200*				
Surrogate: M9PFNA	*13.2*		*"*	*12.5*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*43.6*		*"*	*46.9*		*93.0*	*25-150*				
Surrogate: d-N-MeFOSA	*16.6*		*"*	*25.0*		*66.6*	*25-150*				
Surrogate: d-N-EtFOSA	*13.7*		*"*	*25.0*		*54.8*	*25-150*				
Surrogate: M3HFPO-DA	*85.5*		*"*	*100*		*85.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*228*		*"*	*250*		*91.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*204*		*"*	*250*		*81.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS2)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.34	1.77	ng/L	3.54		94.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.91	2.00	"	4.00		97.6	50-150				
Perfluoroheptanoic acid (PFHpA)	4.30	2.00	"	4.00		107	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.46	1.83	"	3.66		94.6	50-150				
Perfluorooctanoic acid (PFOA)	3.19	2.00	"	4.00		79.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.51	1.86	"	3.72		94.4	50-150				
Perfluorononanoic acid (PFNA)	3.02	2.00	"	4.00		75.4	50-150				
Perfluorodecanoic acid (PFDA)	3.13	2.00	"	4.00		78.3	50-150				
Perfluoroundecanoic acid (PFUnA)	3.75	2.00	"	4.00		93.8	50-150				
Perfluorododecanoic acid (PFDoA)	2.71	2.00	"	4.00		67.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.77	2.00	"	4.00		119	50-150				
Perfluorotetradecanoic acid (PFTA)	2.99	2.00	"	4.00		74.7	50-150				
N-MeFOSAA	4.10	2.00	"	4.00		102	50-150				
N-EtFOSAA	4.08	2.00	"	4.00		102	50-150				
Perfluoropentanoic acid (PFPeA)	7.63	4.00	"	8.00		95.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.17	2.00	"	4.00		104	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.04	1.91	"	3.82		79.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.45	1.93	"	3.86		63.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.4	7.60	"	15.2		81.6	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	7.68	"	15.4		94.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	8.37	8.00	"	16.0		52.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.87	3.56	"	7.12		96.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.69	4.00	"	8.00		71.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.674	4.00	"	8.00		8.43	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.0	4.00	"	8.00		138	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.71	1.88	"	3.76		98.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	7.50	"	15.0		99.6	50-150				
HFPO-DA (Gen-X)	7.66	8.00	"	8.00		95.7	50-150				
11CL-PF3OUdS	6.17	7.56	"	7.56		81.7	50-150				
9CL-PF3ONS	7.71	7.48	"	7.48		103	50-150				
ADONA	7.71	7.56	"	7.56		102	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.04	1.94	"	3.88		52.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.24	1.92	"	3.84		84.3	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	10.3	5.00	"	16.0		64.3	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	75.7	25.0	"	80.0		94.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	80.4	25.0	"	80.0		100	50-150				
N-MeFOSE	38.4	20.0	"	40.0		96.1	50-150				
N-MeFOSA	4.04	2.00	"	4.00		101	50-150				
N-EtFOSE	34.7	20.0	"	40.0		86.7	50-150				
N-EtFOSA	5.07	2.00	"	4.00		127	50-150				
Surrogate: M3PFBS	*23.2*		*"*	*23.3*		*99.6*	*25-150*				
Surrogate: M5PFHxA	*24.1*		*"*	*25.0*		*96.5*	*25-150*				
Surrogate: M4PFHpA	*23.4*		*"*	*25.0*		*93.5*	*25-150*				
Surrogate: M3PFHxS	*24.2*		*"*	*23.7*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.1*		*"*	*25.0*		*108*	*25-150*				
Surrogate: M6PFDA	*16.0*		*"*	*12.5*		*128*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50650 - EPA 1633 Prep											
LCS (BA50650-BS2)											
Surrogate: M7PFUdA	*15.5*		*ng/L*	*12.5*		*124*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.2*		*"*	*12.5*		*106*	*25-150*				
Surrogate: M2PFTeDA	*9.55*		*"*	*12.5*		*76.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.10*		*"*	*100*		*2.10*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*22.7*		*"*	*24.0*		*94.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*24.1*		*"*	*50.0*		*48.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*22.8*		*"*	*25.0*		*91.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*41.9*		*"*	*50.0*		*83.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*42.6*		*"*	*50.0*		*85.3*	*25-150*				
Surrogate: M2-6:2 FTS	*40.3*		*"*	*47.6*		*84.8*	*25-200*				
Surrogate: M2-8:2 FTS	*35.5*		*"*	*48.0*		*74.0*	*25-200*				
Surrogate: M9PFNA	*12.2*		*"*	*12.5*		*97.3*	*25-150*				
Surrogate: M2-4:2 FTS	*37.3*		*"*	*46.9*		*79.6*	*25-150*				
Surrogate: d-N-MeFOSA	*18.8*		*"*	*25.0*		*75.3*	*25-150*				
Surrogate: d-N-EtFOSA	*19.1*		*"*	*25.0*		*76.5*	*25-150*				
Surrogate: M3HFPO-DA	*101*		*"*	*100*		*101*	*25-150*				
Surrogate: d9-N-EtFOSE	*150*		*"*	*250*		*59.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*171*		*"*	*250*		*68.5*	*25-150*				
Batch BA50651 - EPA 1633 Prep											
Blank (BA50651-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.395	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.751	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.759	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.791	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
Blank (BA50651-BLK1)											Prepared: 01/12/2025 Analyzed: 01/14/2025
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.395	ug/kg wet								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.395	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.395	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.741	"								
HFPO-DA (Gen-X)	ND	0.791	"								
11CL-PF3OUdS	ND	0.747	"								
9CL-PF3ONS	ND	0.739	"								
ADONA	ND	0.747	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.988	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.94	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.94	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.48*		"	*2.30*		*108*	*25-150*				
Surrogate: M5PFHxA	*2.32*		"	*2.47*		*93.9*	*25-150*				
Surrogate: M4PFHpA	*2.38*		"	*2.47*		*96.3*	*25-150*				
Surrogate: M3PFHxS	*2.65*		"	*2.34*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.83*		"	*2.47*		*114*	*25-150*				
Surrogate: M6PFDA	*1.23*		"	*1.24*		*99.7*	*25-150*				
Surrogate: M7PFUdA	*1.05*		"	*1.24*		*84.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.09*		"	*1.24*		*88.6*	*25-150*				
Surrogate: M2PFTeDA	*0.732*		"	*1.24*		*59.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.233*		"	*9.88*		*2.36*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.37*		"	*2.37*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.91*		"	*4.94*		*59.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.27*		"	*2.47*		*91.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		"	*4.94*		*82.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.28*		"	*4.94*		*86.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.31*		"	*4.70*		*91.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.83*		"	*4.74*		*80.8*	*25-200*				
Surrogate: M9PFNA	*1.53*		"	*1.24*		*124*	*25-150*				
Surrogate: M2-4:2 FTS	*4.06*		"	*4.63*		*87.5*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		"	*2.47*		*83.3*	*25-150*				
Surrogate: d-N-EtFOSA	*2.04*		"	*2.47*		*82.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.67*		"	*9.88*		*97.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		"	*24.7*		*60.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*14.7*		"	*24.7*		*59.3*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS1)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	3.57	0.175	ug/kg wet	3.50		102	50-150				
Perfluorohexanoic acid (PFHxA)	3.95	0.198	"	3.96		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.92	0.198	"	3.96		99.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.70	0.181	"	3.62		102	50-150				
Perfluorooctanoic acid (PFOA)	3.68	0.198	"	3.96		93.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.13	0.184	"	3.68		85.0	50-150				
Perfluorononanoic acid (PFNA)	3.49	0.198	"	3.96		88.0	50-150				
Perfluorodecanoic acid (PFDA)	3.20	0.198	"	3.96		80.7	50-150				
Perfluoroundecanoic acid (PFUnA)	4.21	0.198	"	3.96		106	50-150				
Perfluorododecanoic acid (PFDoA)	4.01	0.198	"	3.96		101	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.12	0.198	"	3.96		104	50-150				
Perfluorotetradecanoic acid (PFTA)	3.47	0.198	"	3.96		87.6	50-150				
N-MeFOSAA	4.03	0.198	"	3.96		102	50-150				
N-EtFOSAA	4.17	0.198	"	3.96		105	50-150				
Perfluoropentanoic acid (PFPeA)	7.85	0.396	"	7.92		99.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.07	0.198	"	3.96		103	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.05	0.198	"	3.78		80.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.73	0.191	"	3.82		71.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.9	0.752	"	15.0		85.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.7	0.760	"	15.2		103	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.9	0.792	"	15.8		93.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.96	0.352	"	7.05		98.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.37	0.396	"	7.92		80.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.03	0.396	"	7.92		13.0	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.8	0.396	"	7.92		137	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.73	0.186	"	3.72		100	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.5	0.743	"	14.9		97.6	50-150				
HFPO-DA (Gen-X)	8.69	0.792	"	7.92		110	50-150				
11CL-PF3OUdS	7.01	0.749	"	7.49		93.7	50-150				
9CL-PF3ONS	8.37	0.741	"	7.41		113	50-150				
ADONA	8.35	0.749	"	7.49		112	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.57	0.192	"	3.84		66.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.64	0.190	"	3.80		95.9	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	11.0	0.990	"	15.8		69.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	78.4	4.95	"	79.2		99.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	83.7	4.95	"	79.2		106	50-150				
N-MeFOSE	43.5	1.98	"	39.6		110	50-150				
N-MeFOSA	4.51	0.198	"	3.96		114	50-150				
N-EtFOSE	38.3	1.98	"	39.6		96.7	50-150				
N-EtFOSA	3.54	0.198	"	3.96		89.4	50-150				
Surrogate: M3PFBS	*2.23*		"	*2.31*		*96.7*	*25-150*				
Surrogate: M5PFHxA	*2.55*		"	*2.48*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.54*		"	*2.48*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.36*		"	*2.35*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		"	*2.48*		*100*	*25-150*				
Surrogate: M6PFDA	*1.22*		"	*1.24*		*98.4*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS1)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Surrogate: M7PFUdA	*1.18*		*ug/kg wet*	*1.24*		*95.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.05*		*"*	*1.24*		*84.8*	*25-150*				
Surrogate: M2PFTeDA	*0.940*		*"*	*1.24*		*75.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.280*		*"*	*9.90*		*2.82*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.55*		*"*	*2.37*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.91*		*"*	*4.95*		*58.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		*"*	*2.48*		*94.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.25*		*"*	*4.95*		*85.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.50*		*"*	*4.95*		*90.9*	*25-150*				
Surrogate: M2-6:2 FTS	*4.13*		*"*	*4.71*		*87.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.62*		*"*	*4.75*		*76.1*	*25-200*				
Surrogate: M9PFNA	*1.20*		*"*	*1.24*		*97.1*	*25-150*				
Surrogate: M2-4:2 FTS	*3.82*		*"*	*4.64*		*82.4*	*25-150*				
Surrogate: d-N-MeFOSA	*2.12*		*"*	*2.48*		*85.7*	*25-150*				
Surrogate: d-N-EtFOSA	*2.13*		*"*	*2.48*		*86.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.71*		*"*	*9.90*		*98.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.3*		*"*	*24.8*		*66.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.5*		*"*	*24.8*		*70.6*	*25-150*				
LCS (BA50651-BS2)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluorobutanesulfonic acid (PFBS)	0.320	0.176	ug/kg wet	0.351		91.3	50-150				
Perfluorohexanoic acid (PFHxA)	0.391	0.198	"	0.397		98.6	50-150				
Perfluoroheptanoic acid (PFHpA)	0.395	0.198	"	0.397		99.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.408	0.182	"	0.363		112	50-150				
Perfluorooctanoic acid (PFOA)	0.319	0.198	"	0.397		80.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.363	0.185	"	0.369		98.3	50-150				
Perfluorononanoic acid (PFNA)	0.314	0.198	"	0.397		79.2	50-150				
Perfluorodecanoic acid (PFDA)	0.339	0.198	"	0.397		85.5	50-150				
Perfluoroundecanoic acid (PFUnA)	0.338	0.198	"	0.397		85.2	50-150				
Perfluorododecanoic acid (PFDoA)	0.427	0.198	"	0.397		108	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.462	0.198	"	0.397		117	50-150				
Perfluorotetradecanoic acid (PFTA)	0.305	0.198	"	0.397		77.0	50-150				
N-MeFOSAA	0.365	0.198	"	0.397		91.9	50-150				
N-EtFOSAA	0.370	0.198	"	0.397		93.2	50-150				
Perfluoropentanoic acid (PFPeA)	0.714	0.397	"	0.794		90.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.382	0.198	"	0.397		96.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.327	0.198	"	0.379		86.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.295	0.191	"	0.383		76.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.35	0.754	"	1.51		89.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.50	0.762	"	1.52		98.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	0.776	0.794	"	1.59		48.9	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.657	0.353	"	0.706		93.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.655	0.397	"	0.794		82.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.0627	0.397	"	0.794		7.90	50-150	Low Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50651 - EPA 1633 Prep											
LCS (BA50651-BS2)								Prepared: 01/12/2025 Analyzed: 01/14/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	1.03	0.397	ug/kg wet	0.794		129	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.357	0.187	"	0.373		95.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.37	0.744	"	1.49		92.0	50-150				
HFPO-DA (Gen-X)	0.682	0.794	"	0.794		85.9	50-150				
11CL-PF3OUdS	0.574	0.750	"	0.750		76.5	50-150				
9CL-PF3ONS	0.766	0.742	"	0.742		103	50-150				
ADONA	0.738	0.750	"	0.750		98.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.207	0.192	"	0.385		53.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.337	0.190	"	0.381		88.4	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	0.934	0.992	"	1.59		58.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	7.47	4.96	"	7.94		94.2	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	8.03	4.96	"	7.94		101	50-150				
N-MeFOSE	4.22	1.98	"	3.97		106	50-150				
N-MeFOSA	0.430	0.198	"	0.397		108	50-150				
N-EtFOSE	3.94	1.98	"	3.97		99.2	50-150				
N-EtFOSA	0.521	0.198	"	0.397		131	50-150				
Surrogate: M3PFBS	*2.52*		*"*	*2.31*		*109*	*25-150*				
Surrogate: M5PFHxA	*2.34*		*"*	*2.48*		*94.2*	*25-150*				
Surrogate: M4PFHpA	*2.54*		*"*	*2.48*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.68*		*"*	*2.35*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.48*		*"*	*2.48*		*100*	*25-150*				
Surrogate: M6PFDA	*1.41*		*"*	*1.24*		*114*	*25-150*				
Surrogate: M7PFUdA	*1.39*		*"*	*1.24*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.12*		*"*	*1.24*		*90.3*	*25-150*				
Surrogate: M2PFTeDA	*0.828*		*"*	*1.24*		*66.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.203*		*"*	*9.92*		*2.05*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		*"*	*2.38*		*98.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.37*		*"*	*4.96*		*47.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.34*		*"*	*2.48*		*94.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.35*		*"*	*4.96*		*87.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.25*		*"*	*4.96*		*85.7*	*25-150*				
Surrogate: M2-6:2 FTS	*4.44*		*"*	*4.72*		*94.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.92*		*"*	*4.76*		*82.4*	*25-200*				
Surrogate: M9PFNA	*1.14*		*"*	*1.24*		*92.0*	*25-150*				
Surrogate: M2-4:2 FTS	*4.14*		*"*	*4.65*		*89.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.92*		*"*	*2.48*		*77.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.81*		*"*	*2.48*		*73.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.58*		*"*	*9.92*		*96.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.7*		*"*	*24.8*		*59.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.8*		*"*	*24.8*		*67.9*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1)											Prepared: 01/14/2025 Analyzed: 01/16/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.99	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.93*		*"*	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.03*		*"*	*2.50*		*122*	*25-150*				
Surrogate: M4PFHpA	*3.04*		*"*	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*3.06*		*"*	*2.37*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		*"*	*2.50*		*111*	*25-150*				
Surrogate: M6PFDA	*1.36*		*"*	*1.25*		*109*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1)									Prepared: 01/14/2025 Analyzed: 01/16/2025		
Surrogate: M7PFUdA	*1.30*		*ug/kg wet*	*1.25*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.28*		*"*	*1.25*		*102*	*25-150*				
Surrogate: M2PFTeDA	*1.08*		*"*	*1.25*		*86.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.98*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.43*		*"*	*2.39*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.38*		*"*	*4.99*		*128*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		*"*	*2.50*		*94.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.52*		*"*	*4.99*		*90.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.63*		*"*	*4.99*		*92.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.86*		*"*	*4.75*		*81.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.73*		*"*	*4.79*		*77.8*	*25-200*				
Surrogate: M9PFNA	*1.50*		*"*	*1.25*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*4.21*		*"*	*4.68*		*89.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		*"*	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.77*		*"*	*2.50*		*71.1*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.98*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.5*		*"*	*25.0*		*74.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.1*		*"*	*25.0*		*68.6*	*25-150*				
LCS (BA50775-BS1)									Prepared: 01/14/2025 Analyzed: 01/16/2025		
Perfluorobutanesulfonic acid (PFBS)	3.21	0.177	ug/kg wet	3.54		90.6	50-150				
Perfluorohexanoic acid (PFHxA)	3.63	0.200	"	4.00		90.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.13	0.200	"	4.00		78.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.35	0.183	"	3.66		91.7	50-150				
Perfluorooctanoic acid (PFOA)	3.09	0.200	"	4.00		77.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.14	0.186	"	3.72		84.4	50-150				
Perfluorononanoic acid (PFNA)	2.84	0.200	"	4.00		70.9	50-150				
Perfluorodecanoic acid (PFDA)	3.69	0.200	"	4.00		92.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.19	0.200	"	4.00		79.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.44	0.200	"	4.00		86.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.95	0.200	"	4.00		98.8	50-150				
Perfluorotetradecanoic acid (PFTA)	3.48	0.200	"	4.00		87.1	50-150				
N-MeFOSAA	3.96	0.200	"	4.00		99.0	50-150				
N-EtFOSAA	4.04	0.200	"	4.00		101	50-150				
Perfluoropentanoic acid (PFPeA)	7.11	0.400	"	8.00		88.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.66	0.200	"	4.00		91.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.24	0.200	"	3.82		84.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.74	0.193	"	3.86		71.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.6	0.760	"	15.2		82.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.1	0.768	"	15.4		91.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.7	0.800	"	16.0		91.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.86	0.356	"	7.12		82.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.86	0.400	"	8.00		85.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.25	0.400	"	8.00		90.6	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS1)								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	6.48	0.400	ug/kg wet	8.00		81.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.188	"	3.76		93.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.1	0.750	"	15.0		94.0	50-150				
HFPO-DA (Gen-X)	7.65	0.800	"	8.00		95.6	50-150				
11CL-PF3OUdS	4.40	0.756	"	7.56		58.2	50-150				
9CL-PF3ONS	5.72	0.748	"	7.48		76.4	50-150				
ADONA	6.85	0.756	"	7.56		90.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.68	0.194	"	3.88		69.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.45	0.192	"	3.84		89.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.3	1.00	"	16.0		121	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.4	5.00	"	80.0		86.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	64.4	5.00	"	80.0		80.5	50-150				
N-MeFOSE	41.6	2.00	"	40.0		104	50-150				
N-MeFOSA	3.86	0.200	"	4.00		96.6	50-150				
N-EtFOSE	35.4	2.00	"	40.0		88.5	50-150				
N-EtFOSA	3.85	0.200	"	4.00		96.3	50-150				
Surrogate: M3PFBS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: M5PFHxA	*2.91*		"	*2.50*		*116*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.37*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.97*		"	*2.50*		*119*	*25-150*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.2*	*25-150*				
Surrogate: M7PFUdA	*1.36*		"	*1.25*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.21*		"	*1.25*		*96.7*	*25-150*				
Surrogate: M2PFTeDA	*0.965*		"	*1.25*		*77.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		"	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		"	*2.40*		*97.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.96*		"	*5.00*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		"	*2.50*		*94.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.20*		"	*5.00*		*84.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.26*		"	*5.00*		*85.3*	*25-150*				
Surrogate: M2-6:2 FTS	*4.07*		"	*4.76*		*85.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.80*		"	*4.80*		*79.1*	*25-200*				
Surrogate: M9PFNA	*1.44*		"	*1.25*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*4.08*		"	*4.69*		*87.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		"	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		"	*2.50*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.6*		"	*10.0*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.8*		"	*25.0*		*79.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.5*		"	*25.0*		*78.1*	*25-150*				

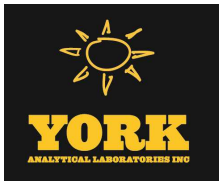
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS2)								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	0.308	0.176	ug/kg wet	0.353		87.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.307	0.199	"	0.398		77.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.277	0.199	"	0.398		69.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.289	0.182	"	0.365		79.2	50-150				
Perfluorooctanoic acid (PFOA)	0.290	0.199	"	0.398		72.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.418	0.185	"	0.371		113	50-150				
Perfluorononanoic acid (PFNA)	0.251	0.199	"	0.398		62.9	50-150				
Perfluorodecanoic acid (PFDA)	0.303	0.199	"	0.398		76.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.338	0.199	"	0.398		84.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.347	0.199	"	0.398		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.360	0.199	"	0.398		90.4	50-150				
Perfluorotetradecanoic acid (PFTA)	0.309	0.199	"	0.398		77.6	50-150				
N-MeFOSAA	0.346	0.199	"	0.398		86.8	50-150				
N-EtFOSAA	0.357	0.199	"	0.398		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	0.663	0.398	"	0.797		83.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.342	0.199	"	0.398		85.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.315	0.199	"	0.380		82.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.265	0.192	"	0.384		69.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.32	0.757	"	1.51		87.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.19	0.765	"	1.53		77.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.19	0.797	"	1.59		74.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.528	0.355	"	0.709		74.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.700	0.398	"	0.797		87.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.142	0.398	"	0.797		17.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.660	0.398	"	0.797		82.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.297	0.187	"	0.375		79.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.33	0.747	"	1.49		88.9	50-150				
HFPO-DA (Gen-X)	0.660	0.797	"	0.797		82.8	50-150				
11CL-PF3OUdS	0.371	0.753	"	0.753		49.2	50-150	Low Bias			
9CL-PF3ONS	0.478	0.745	"	0.745		64.2	50-150				
ADONA	0.606	0.753	"	0.753		80.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.170	0.193	"	0.386		44.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.473	0.191	"	0.382		124	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.40	0.996	"	1.59		87.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	6.28	4.98	"	7.97		78.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	4.53	4.98	"	7.97		56.9	50-150				
N-MeFOSE	3.89	1.99	"	3.98		97.7	50-150				
N-MeFOSA	0.406	0.199	"	0.398		102	50-150				
N-EtFOSE	3.71	1.99	"	3.98		93.2	50-150				
N-EtFOSA	0.273	0.199	"	0.398		68.4	50-150				
Surrogate: M3PFBS	*2.61*		*"*	*2.32*		*112*	*25-150*				
Surrogate: M5PFHxA	*2.72*		*"*	*2.49*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.78*		*"*	*2.49*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.54*		*"*	*2.36*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.35*		*"*	*2.49*		*94.3*	*25-150*				
Surrogate: M6PFDA	*0.909*		*"*	*1.25*		*73.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS2)								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Surrogate: M7PFUdA	*0.916*		*ug/kg wet*	*1.25*		*73.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.868*		*"*	*1.25*		*69.7*	*25-150*				
Surrogate: M2PFTeDA	*0.737*		*"*	*1.25*		*59.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.548*		*"*	*9.96*		*5.50*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.55*		*"*	*2.39*		*64.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		*"*	*4.98*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.71*		*"*	*2.49*		*68.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.27*		*"*	*4.98*		*65.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.35*		*"*	*4.98*		*67.3*	*25-150*				
Surrogate: M2-6:2 FTS	*3.49*		*"*	*4.74*		*73.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.05*		*"*	*4.78*		*63.8*	*25-200*				
Surrogate: M9PFNA	*1.21*		*"*	*1.25*		*97.4*	*25-150*				
Surrogate: M2-4:2 FTS	*3.77*		*"*	*4.67*		*80.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.40*		*"*	*2.49*		*56.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.49*		*51.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		*"*	*9.96*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.4*		*"*	*24.9*		*57.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*24.9*		*60.9*	*25-150*				
Matrix Spike (BA50775-MS2)	*Source sample: 25A0469-06 (UIC006)							Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	4.54	0.252	ug/kg dry	5.05	ND	90.0	25-150				
Perfluorohexanoic acid (PFHxA)	5.35	0.285	"	5.70	ND	93.8	25-150				
Perfluoroheptanoic acid (PFHpA)	5.18	0.285	"	5.70	ND	90.8	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.90	0.261	"	5.22	ND	93.9	25-150				
Perfluorooctanoic acid (PFOA)	4.50	0.285	"	5.70	ND	79.0	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.40	0.265	"	5.31	ND	82.8	25-150				
Perfluorononanoic acid (PFNA)	3.94	0.285	"	5.70	ND	69.0	25-150				
Perfluorodecanoic acid (PFDA)	5.05	0.285	"	5.70	ND	88.4	25-150				
Perfluoroundecanoic acid (PFUnA)	5.00	0.285	"	5.70	ND	87.7	25-150				
Perfluorododecanoic acid (PFDoA)	5.55	0.285	"	5.70	ND	97.3	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.83	0.285	"	5.70	0.198	98.7	25-150				
Perfluorotetradecanoic acid (PFTA)	4.94	0.285	"	5.70	ND	86.6	25-150				
N-MeFOSAA	5.77	0.285	"	5.70	ND	101	25-150				
N-EtFOSAA	5.69	0.285	"	5.70	ND	99.8	25-150				
Perfluoropentanoic acid (PFPeA)	10.9	0.570	"	11.4	ND	95.9	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.71	0.285	"	5.70	ND	82.6	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.11	0.285	"	5.45	ND	75.4	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.94	0.275	"	5.51	ND	89.7	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.2	1.08	"	21.7	ND	74.7	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	21.4	1.10	"	21.9	ND	97.7	25-150				
Perfluoro-n-butanoic acid (PFBA)	19.7	1.14	"	22.8	ND	86.4	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.28	0.508	"	10.2	ND	91.4	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.1	0.570	"	11.4	ND	88.2	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.30	0.570	"	11.4	ND	20.1	25-150	Low Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Matrix Spike (BA50775-MS2)	*Source sample: 25A0469-06 (UIC006)							Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.78	0.570	ug/kg dry	11.4	ND	85.7	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.97	0.268	"	5.36	ND	92.6	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.8	1.07	"	21.4	ND	92.4	25-150				
HFPO-DA (Gen-X)	9.97	1.14	"	11.4	ND	87.4	25-150				
11CL-PF3OUdS	9.31	1.08	"	10.8	ND	86.3	25-150				
9CL-PF3ONS	10.4	1.07	"	10.7	ND	97.0	25-150				
ADONA	10.4	1.08	"	10.8	ND	96.8	25-150				
Perfluorododecanesulfonic acid (PFDoS)	3.72	0.277	"	5.53	ND	67.2	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.65	0.274	"	5.48	ND	84.9	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	20.1	1.43	"	22.8	ND	87.9	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	95.7	7.13	"	114	ND	83.9	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	84.3	7.13	"	114	ND	73.9	25-150				
N-MeFOSE	52.7	2.85	"	57.0	ND	92.4	25-150				
N-MeFOSA	5.33	0.285	"	5.70	ND	93.4	25-150				
N-EtFOSE	53.7	2.85	"	57.0	ND	94.1	25-150				
N-EtFOSA	4.60	0.285	"	5.70	ND	80.7	25-150				
Surrogate: M3PFBS	*4.00*		"	*3.32*		*121*	*25-150*				
Surrogate: M5PFHxA	*3.90*		"	*3.57*		*109*	*25-150*				
Surrogate: M4PFHpA	*4.08*		"	*3.57*		*114*	*25-150*				
Surrogate: M3PFHxS	*3.93*		"	*3.38*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.02*		"	*3.57*		*113*	*25-150*				
Surrogate: M6PFDA	*1.99*		"	*1.78*		*112*	*25-150*				
Surrogate: M7PFUdA	*2.00*		"	*1.78*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.85*		"	*1.78*		*104*	*25-150*				
Surrogate: M2PFTeDA	*1.48*		"	*1.78*		*83.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.965*		"	*14.3*		*6.77*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.20*		"	*3.42*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.20*		"	*7.13*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.47*		"	*3.57*		*97.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*8.10*		"	*7.13*		*114*	*25-150*				
Surrogate: d5-N-EtFOSAA	*8.76*		"	*7.13*		*123*	*25-150*				
Surrogate: M2-6:2 FTS	*9.75*		"	*6.78*		*144*	*25-200*				
Surrogate: M2-8:2 FTS	*11.2*		"	*6.85*		*163*	*25-200*				
Surrogate: M9PFNA	*2.14*		"	*1.78*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*7.58*		"	*6.69*		*113*	*25-150*				
Surrogate: d-N-MeFOSA	*2.19*		"	*3.57*		*61.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.88*		"	*3.57*		*52.6*	*25-150*				
Surrogate: M3HFPO-DA	*15.3*		"	*14.3*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*22.6*		"	*35.7*		*63.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*25.0*		"	*35.7*		*70.1*	*25-150*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Matrix Spike Dup (BA50775-MSD2)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/14/2025 Analyzed: 01/16/2025		
Perfluorobutanesulfonic acid (PFBS)	4.73	0.252	ug/kg dry	5.05	ND	93.7	25-150		4.08	35	
Perfluorohexanoic acid (PFHxA)	5.35	0.285	"	5.70	ND	93.8	25-150		0.00882	35	
Perfluoroheptanoic acid (PFHpA)	5.62	0.285	"	5.70	ND	98.4	25-150		8.09	35	
Perfluorohexanesulfonic acid (PFHxS)	4.83	0.261	"	5.22	ND	92.6	25-150		1.41	35	
Perfluorooctanoic acid (PFOA)	4.66	0.285	"	5.70	ND	81.6	25-150		3.30	35	
Perfluorooctanesulfonic acid (PFOS)	4.05	0.265	"	5.31	ND	76.3	25-150		8.28	35	
Perfluorononanoic acid (PFNA)	4.35	0.285	"	5.70	ND	76.2	25-150		9.95	35	
Perfluorodecanoic acid (PFDA)	4.67	0.285	"	5.70	ND	81.8	25-150		7.75	35	
Perfluoroundecanoic acid (PFUnA)	4.84	0.285	"	5.70	ND	84.9	25-150		3.19	35	
Perfluorododecanoic acid (PFDoA)	4.84	0.285	"	5.70	ND	84.9	25-150		13.7	35	
Perfluorotridecanoic acid (PFTrDA)	6.24	0.285	"	5.70	0.198	106	25-150		6.79	35	
Perfluorotetradecanoic acid (PFTA)	4.93	0.285	"	5.70	ND	86.4	25-150		0.331	35	
N-MeFOSAA	5.71	0.285	"	5.70	ND	100	25-150		0.985	35	
N-EtFOSAA	5.32	0.285	"	5.70	ND	93.3	25-150		6.66	35	
Perfluoropentanoic acid (PFPeA)	10.7	0.570	"	11.4	ND	94.0	25-150		2.02	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.23	0.285	"	5.70	ND	74.1	25-150		10.8	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.98	0.285	"	5.45	ND	73.0	25-150		3.16	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.45	0.275	"	5.51	ND	80.8	25-150		10.4	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.4	1.08	"	21.7	ND	75.7	25-150		1.28	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	20.8	1.10	"	21.9	ND	95.1	25-150		2.74	35	
Perfluoro-n-butanoic acid (PFBA)	21.4	1.14	"	22.8	ND	93.6	25-150		7.97	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.73	0.508	"	10.2	ND	86.0	25-150		6.14	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.05	0.570	"	11.4	ND	70.6	25-150		22.2	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	9.89	0.570	"	11.4	ND	86.7	25-150		125	30	Non-dir.
Perfluoro-5-oxahexanoic acid (PFMBA)	9.82	0.570	"	11.4	ND	86.0	25-150		0.399	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4.70	0.268	"	5.36	ND	87.7	25-150		5.39	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	19.9	1.07	"	21.4	ND	92.9	25-150		0.533	30	
HFPO-DA (Gen-X)	10.8	1.14	"	11.4	ND	94.9	25-150		8.25	30	
11CL-PF3OUdS	9.19	1.08	"	10.8	ND	85.3	25-150		1.23	30	
9CL-PF3ONS	9.80	1.07	"	10.7	ND	91.9	25-150		5.47	30	
ADONA	11.1	1.08	"	10.8	ND	103	25-150		5.89	30	
Perfluorododecanesulfonic acid (PFDoS)	3.59	0.277	"	5.53	ND	64.8	25-150		3.58	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3.94	0.274	"	5.48	ND	71.9	25-150		16.5	30	
3-Perfluoropropyl propanoic acid (FPrPA)	24.7	1.43	"	22.8	ND	108	25-150		20.8	30	
3-Perfluoropentyl propanoic acid (FPePA)	95.0	7.13	"	114	ND	83.3	25-150		0.713	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	103	7.13	"	114	ND	90.4	25-150		20.0	30	
N-MeFOSE	54.7	2.85	"	57.0	ND	95.9	25-150		3.71	30	
N-MeFOSA	5.66	0.285	"	5.70	ND	99.1	25-150		6.00	30	
N-EtFOSE	56.9	2.85	"	57.0	ND	99.7	25-150		5.77	30	
N-EtFOSA	3.81	0.285	"	5.70	ND	66.8	25-150		18.8	30	
Surrogate: M3PFBS	*3.39*		*"*	*3.32*		*102*	*25-150*				
Surrogate: M5PFHxA	*3.71*		*"*	*3.57*		*104*	*25-150*				
Surrogate: M4PFHpA	*3.33*		*"*	*3.57*		*93.4*	*25-150*				
Surrogate: M3PFHxS	*3.61*		*"*	*3.38*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.56*		*"*	*3.57*		*100*	*25-150*				
Surrogate: M6PFDA	*1.94*		*"*	*1.78*		*109*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Matrix Spike Dup (BA50775-MSD2)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/14/2025 Analyzed: 01/16/2025		
Surrogate: M7PFUdA	*2.42*		*ug/kg dry*	*1.78*		*136*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.15*		*"*	*1.78*		*121*	*25-150*				
Surrogate: M2PFTeDA	*1.95*		*"*	*1.78*		*109*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.0*		*"*	*14.3*		*90.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.15*		*"*	*3.42*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.56*		*"*	*7.13*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.52*		*"*	*3.57*		*98.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*8.34*		*"*	*7.13*		*117*	*25-150*				
Surrogate: d5-N-EtFOSAA	*9.04*		*"*	*7.13*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*10.2*		*"*	*6.78*		*151*	*25-200*				
Surrogate: M2-8:2 FTS	*14.6*		*"*	*6.85*		*214*	*25-200*				
Surrogate: M9PFNA	*1.75*		*"*	*1.78*		*97.9*	*25-150*				
Surrogate: M2-4:2 FTS	*7.14*		*"*	*6.69*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		*"*	*3.57*		*51.0*	*25-150*				
Surrogate: d-N-EtFOSA	*2.22*		*"*	*3.57*		*62.2*	*25-150*				
Surrogate: M3HFPO-DA	*12.7*		*"*	*14.3*		*89.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*21.9*		*"*	*35.7*		*61.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*24.2*		*"*	*35.7*		*67.8*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50677 - EPA 3510C											
Blank (BA50677-BLK1)											Prepared: 01/13/2025 Analyzed: 01/14/2025
Tentatively Identified Compounds	0.00		ug/L								
Batch BA50685 - EPA 3550C											
Blank (BA50685-BLK1)											Prepared: 01/13/2025 Analyzed: 01/14/2025
Tentatively Identified Compounds	0.00		ug/kg wet								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
Blank (BA50563-BLK1)									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0905*		*"*	*0.200*		*45.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0711*		*"*	*0.200*		*35.6*	*30-150*				
LCS (BA50563-BS1)									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	0.0630	0.00400	ug/L	0.100		63.0	40-140			20	
4,4'-DDE	0.0546	0.00400	"	0.100		54.6	40-140			20	
4,4'-DDT	0.0644	0.00400	"	0.100		64.4	40-140			20	
Aldrin	0.0400	0.00400	"	0.100		40.0	40-140			20	
alpha-BHC	0.0497	0.00400	"	0.100		49.7	40-140			20	
alpha-Chlordane	0.0490	0.00400	"	0.100		49.0	40-140			20	
beta-BHC	0.0572	0.00400	"	0.100		57.2	40-140			20	
delta-BHC	0.0575	0.00400	"	0.100		57.5	40-140			20	
Dieldrin	0.0543	0.00200	"	0.100		54.3	40-140			20	
Endosulfan I	0.0523	0.00400	"	0.100		52.3	40-140			20	
Endosulfan II	0.0619	0.00400	"	0.100		61.9	40-140			20	
Endosulfan sulfate	0.0655	0.00400	"	0.100		65.5	40-140			20	
Endrin	0.0614	0.00400	"	0.100		61.4	40-140			20	
Endrin aldehyde	0.0663	0.0100	"	0.100		66.3	40-140			20	
Endrin ketone	0.0668	0.0100	"	0.100		66.8	40-140			20	
gamma-BHC (Lindane)	0.0525	0.00400	"	0.100		52.5	40-140			20	
gamma-Chlordane	0.0515	0.0100	"	0.100		51.5	40-140			20	
Heptachlor	0.0499	0.00400	"	0.100		49.9	40-140			20	
Heptachlor epoxide	0.0495	0.00400	"	0.100		49.5	40-140			20	
Methoxychlor	0.0787	0.00400	"	0.100		78.7	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0851*		*"*	*0.200*		*42.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0647*		*"*	*0.200*		*32.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
LCS Dup (BA50563-BSD1)									Prepared: 01/10/2025 Analyzed: 01/11/2025		
4,4'-DDD	0.0731	0.00400	ug/L	0.100		73.1	40-140		14.8	20	
4,4'-DDE	0.0632	0.00400	"	0.100		63.2	40-140		14.6	20	
4,4'-DDT	0.0778	0.00400	"	0.100		77.8	40-140		18.8	20	
Aldrin	0.0416	0.00400	"	0.100		41.6	40-140		3.80	20	
alpha-BHC	0.0524	0.00400	"	0.100		52.4	40-140		5.33	20	
alpha-Chlordane	0.0556	0.00400	"	0.100		55.6	40-140		12.6	20	
beta-BHC	0.0616	0.00400	"	0.100		61.6	40-140		7.38	20	
delta-BHC	0.0585	0.00400	"	0.100		58.5	40-140		1.82	20	
Dieldrin	0.0626	0.00200	"	0.100		62.6	40-140		14.2	20	
Endosulfan I	0.0598	0.00400	"	0.100		59.8	40-140		13.3	20	
Endosulfan II	0.0723	0.00400	"	0.100		72.3	40-140		15.4	20	
Endosulfan sulfate	0.0748	0.00400	"	0.100		74.8	40-140		13.3	20	
Endrin	0.0717	0.00400	"	0.100		71.7	40-140		15.5	20	
Endrin aldehyde	0.0746	0.0100	"	0.100		74.6	40-140		11.8	20	
Endrin ketone	0.0769	0.0100	"	0.100		76.9	40-140		14.0	20	
gamma-BHC (Lindane)	0.0556	0.00400	"	0.100		55.6	40-140		5.68	20	
gamma-Chlordane	0.0582	0.0100	"	0.100		58.2	40-140		12.0	20	
Heptachlor	0.0512	0.00400	"	0.100		51.2	40-140		2.64	20	
Heptachlor epoxide	0.0545	0.00400	"	0.100		54.5	40-140		9.52	20	
Methoxychlor	0.0922	0.00400	"	0.100		92.2	40-140		15.8	20	
Surrogate: Decachlorobiphenyl	*0.0995*		*"*	*0.200*		*49.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0692*		*"*	*0.200*		*34.6*	*30-150*				
Batch BA50640 - EPA 3550C											
Blank (BA50640-BLK1)									Prepared: 01/12/2025 Analyzed: 01/13/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0503*		*"*	*0.0664*		*75.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0541*		*"*	*0.0664*		*81.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50640 - EPA 3550C											
LCS (BA50640-BS1)											Prepared: 01/12/2025 Analyzed: 01/13/2025
4,4'-DDD	0.0316	0.00164	mg/kg wet	0.0332		95.1	40-140				
4,4'-DDE	0.0320	0.00164	"	0.0332		96.3	40-140				
4,4'-DDT	0.0367	0.00164	"	0.0332		110	40-140				
Aldrin	0.0280	0.00164	"	0.0332		84.3	40-140				
alpha-BHC	0.0298	0.00164	"	0.0332		89.6	40-140				
alpha-Chlordane	0.0310	0.00164	"	0.0332		93.2	40-140				
beta-BHC	0.0311	0.00164	"	0.0332		93.5	40-140				
delta-BHC	0.0278	0.00164	"	0.0332		83.6	40-140				
Dieldrin	0.0308	0.00164	"	0.0332		92.8	40-140				
Endosulfan I	0.0315	0.00164	"	0.0332		94.9	40-140				
Endosulfan II	0.0341	0.00164	"	0.0332		103	40-140				
Endosulfan sulfate	0.0329	0.00164	"	0.0332		99.0	40-140				
Endrin	0.0352	0.00164	"	0.0332		106	40-140				
Endrin aldehyde	0.0336	0.00164	"	0.0332		101	40-140				
Endrin ketone	0.0334	0.00164	"	0.0332		101	40-140				
gamma-BHC (Lindane)	0.0302	0.00164	"	0.0332		90.8	40-140				
gamma-Chlordane	0.0311	0.00164	"	0.0332		93.7	40-140				
Heptachlor	0.0320	0.00164	"	0.0332		96.2	40-140				
Heptachlor epoxide	0.0308	0.00164	"	0.0332		92.6	40-140				
Methoxychlor	0.0389	0.00164	"	0.0332		117	40-140				
Surrogate: Decachlorobiphenyl	*0.0575*		*"*	*0.0664*		*86.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0648*		*"*	*0.0664*		*97.5*	*30-150*				
Batch BA50684 - EPA 3550C											
Blank (BA50684-BLK1)											Prepared & Analyzed: 01/13/2025
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0478*		*"*	*0.0664*		*71.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0557*		*"*	*0.0664*		*83.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50684 - EPA 3550C											
LCS (BA50684-BS1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
4,4'-DDD	0.0264	0.00164	mg/kg wet	0.0332		79.3	40-140				
4,4'-DDE	0.0269	0.00164	"	0.0332		81.1	40-140				
4,4'-DDT	0.0270	0.00164	"	0.0332		81.3	40-140				
Aldrin	0.0263	0.00164	"	0.0332		79.3	40-140				
alpha-BHC	0.0261	0.00164	"	0.0332		78.6	40-140				
alpha-Chlordane	0.0266	0.00164	"	0.0332		80.1	40-140				
beta-BHC	0.0273	0.00164	"	0.0332		82.2	40-140				
delta-BHC	0.0227	0.00164	"	0.0332		68.4	40-140				
Dieldrin	0.0268	0.00164	"	0.0332		80.5	40-140				
Endosulfan I	0.0275	0.00164	"	0.0332		82.9	40-140				
Endosulfan II	0.0290	0.00164	"	0.0332		87.3	40-140				
Endosulfan sulfate	0.0276	0.00164	"	0.0332		83.0	40-140				
Endrin	0.0282	0.00164	"	0.0332		85.0	40-140				
Endrin aldehyde	0.0301	0.00164	"	0.0332		90.6	40-140				
Endrin ketone	0.0290	0.00164	"	0.0332		87.2	40-140				
gamma-BHC (Lindane)	0.0262	0.00164	"	0.0332		78.9	40-140				
gamma-Chlordane	0.0269	0.00164	"	0.0332		80.9	40-140				
Heptachlor	0.0261	0.00164	"	0.0332		78.4	40-140				
Heptachlor epoxide	0.0270	0.00164	"	0.0332		81.3	40-140				
Methoxychlor	0.0308	0.00164	"	0.0332		92.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0466*		*"*	*0.0664*		*70.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0481*		*"*	*0.0664*		*72.3*	*30-150*				
Batch BA50706 - EPA 3550C											
Blank (BA50706-BLK1)									Prepared & Analyzed: 01/14/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0466*		*"*	*0.0664*		*70.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0375*		*"*	*0.0664*		*56.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50706 - EPA 3550C											
LCS (BA50706-BS1)								Prepared & Analyzed: 01/14/2025			
4,4'-DDD	0.0254	0.00164	mg/kg wet	0.0332		76.4	40-140				
4,4'-DDE	0.0231	0.00164	"	0.0332		69.4	40-140				
4,4'-DDT	0.0295	0.00164	"	0.0332		88.7	40-140				
Aldrin	0.0224	0.00164	"	0.0332		67.3	40-140				
alpha-BHC	0.0234	0.00164	"	0.0332		70.5	40-140				
alpha-Chlordane	0.0224	0.00164	"	0.0332		67.3	40-140				
beta-BHC	0.0266	0.00164	"	0.0332		80.1	40-140				
delta-BHC	0.0210	0.00164	"	0.0332		63.3	40-140				
Dieldrin	0.0233	0.00164	"	0.0332		70.3	40-140				
Endosulfan I	0.0230	0.00164	"	0.0332		69.2	40-140				
Endosulfan II	0.0262	0.00164	"	0.0332		79.0	40-140				
Endosulfan sulfate	0.0262	0.00164	"	0.0332		78.8	40-140				
Endrin	0.0264	0.00164	"	0.0332		79.4	40-140				
Endrin aldehyde	0.0307	0.00164	"	0.0332		92.5	40-140				
Endrin ketone	0.0265	0.00164	"	0.0332		79.7	40-140				
gamma-BHC (Lindane)	0.0252	0.00164	"	0.0332		75.7	40-140				
gamma-Chlordane	0.0210	0.00164	"	0.0332		63.2	40-140				
Heptachlor	0.0262	0.00164	"	0.0332		78.8	40-140				
Heptachlor epoxide	0.0250	0.00164	"	0.0332		75.4	40-140				
Methoxychlor	0.0369	0.00164	"	0.0332		111	40-140				
Surrogate: Decachlorobiphenyl	*0.0464*		*"*	*0.0664*		*69.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0394*		*"*	*0.0664*		*59.3*	*30-150*				
Matrix Spike (BA50706-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/14/2025			
4,4'-DDD	0.0428	0.00235	mg/kg dry	0.0476	ND	90.0	30-150				
4,4'-DDE	0.0392	0.00235	"	0.0476	ND	82.3	30-150				
4,4'-DDT	0.0497	0.00235	"	0.0476	ND	104	30-150				
Aldrin	0.0363	0.00235	"	0.0476	ND	76.4	30-150				
alpha-BHC	0.0353	0.00235	"	0.0476	ND	74.3	30-150				
alpha-Chlordane	0.0371	0.00235	"	0.0476	ND	78.0	30-150				
beta-BHC	0.0397	0.00235	"	0.0476	ND	83.4	30-150				
delta-BHC	0.0319	0.00235	"	0.0476	ND	67.1	30-150				
Dieldrin	0.0393	0.00235	"	0.0476	ND	82.5	30-150				
Endosulfan I	0.0384	0.00235	"	0.0476	ND	80.7	30-150				
Endosulfan II	0.0431	0.00235	"	0.0476	ND	90.5	30-150				
Endosulfan sulfate	0.0437	0.00235	"	0.0476	ND	91.9	30-150				
Endrin	0.0467	0.00235	"	0.0476	ND	98.2	30-150				
Endrin aldehyde	0.0500	0.00235	"	0.0476	ND	105	30-150				
Endrin ketone	0.0426	0.00235	"	0.0476	ND	89.5	30-150				
gamma-BHC (Lindane)	0.0375	0.00235	"	0.0476	ND	78.8	30-150				
gamma-Chlordane	0.0351	0.00235	"	0.0476	ND	73.8	30-150				
Heptachlor	0.0403	0.00235	"	0.0476	ND	84.7	30-150				
Heptachlor epoxide	0.0394	0.00235	"	0.0476	ND	82.8	30-150				
Methoxychlor	0.0617	0.00235	"	0.0476	ND	130	30-150				
Surrogate: Decachlorobiphenyl	*0.0662*		*"*	*0.0951*		*69.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0569*		*"*	*0.0951*		*59.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50706 - EPA 3550C											
Matrix Spike Dup (BA50706-MSD1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/14/2025			
4,4'-DDD	0.0417	0.00235	mg/kg dry	0.0476	ND	87.7	30-150		2.51	30	
4,4'-DDE	0.0400	0.00235	"	0.0476	ND	84.0	30-150		2.06	30	
4,4'-DDT	0.0474	0.00235	"	0.0476	ND	99.7	30-150		4.62	30	
Aldrin	0.0361	0.00235	"	0.0476	ND	75.9	30-150		0.690	30	
alpha-BHC	0.0401	0.00235	"	0.0476	ND	84.3	30-150		12.6	30	
alpha-Chlordane	0.0399	0.00235	"	0.0476	ND	83.9	30-150		7.32	30	
beta-BHC	0.0430	0.00235	"	0.0476	ND	90.3	30-150		8.01	30	
delta-BHC	0.0324	0.00235	"	0.0476	ND	68.1	30-150		1.54	30	
Dieldrin	0.0396	0.00235	"	0.0476	ND	83.3	30-150		0.917	30	
Endosulfan I	0.0398	0.00235	"	0.0476	ND	83.7	30-150		3.56	30	
Endosulfan II	0.0427	0.00235	"	0.0476	ND	89.8	30-150		0.787	30	
Endosulfan sulfate	0.0406	0.00235	"	0.0476	ND	85.4	30-150		7.39	30	
Endrin	0.0466	0.00235	"	0.0476	ND	98.0	30-150		0.260	30	
Endrin aldehyde	0.0436	0.00235	"	0.0476	ND	91.6	30-150		13.9	30	
Endrin ketone	0.0414	0.00235	"	0.0476	ND	87.0	30-150		2.82	30	
gamma-BHC (Lindane)	0.0404	0.00235	"	0.0476	ND	84.9	30-150		7.47	30	
gamma-Chlordane	0.0410	0.00235	"	0.0476	ND	86.1	30-150		15.4	30	
Heptachlor	0.0443	0.00235	"	0.0476	ND	93.1	30-150		9.42	30	
Heptachlor epoxide	0.0415	0.00235	"	0.0476	ND	87.2	30-150		5.25	30	
Methoxychlor	0.0634	0.00235	"	0.0476	ND	133	30-150		2.67	30	
Surrogate: Decachlorobiphenyl	*0.0630*		*"*	*0.0951*		*66.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0578*		*"*	*0.0951*		*60.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50563 - EPA SW846-3510C Low Level											
Blank (BA50563-BLK2)								Prepared & Analyzed: 01/10/2025			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0640*		"	*0.200*		*32.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0700*		"	*0.200*		*35.0*	*30-150*				
LCS (BA50563-BS2)								Prepared & Analyzed: 01/10/2025			
Aroclor 1016	0.514	0.0500	ug/L	1.00		51.4	40-120			20	
Aroclor 1260	0.601	0.0500	"	1.00		60.1	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.0740*		"	*0.200*		*37.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0790*		"	*0.200*		*39.5*	*30-150*				
Batch BA50640 - EPA 3550C											
Blank (BA50640-BLK2)								Prepared: 01/12/2025 Analyzed: 01/13/2025			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0638*		"	*0.0664*		*96.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0409*		"	*0.0664*		*61.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50640 - EPA 3550C											
LCS (BA50640-BS2)											Prepared: 01/12/2025 Analyzed: 01/13/2025
Aroclor 1016	0.189	0.0166	mg/kg wet	0.332		56.8	40-130				
Aroclor 1260	0.187	0.0166	"	0.332		56.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0462*		*"*	*0.0664*		*69.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		*"*	*0.0664*		*52.0*	*30-120*				
Batch BA50684 - EPA 3550C											
Blank (BA50684-BLK2)											Prepared & Analyzed: 01/13/2025
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0588*		*"*	*0.0664*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0495*		*"*	*0.0664*		*74.5*	*30-120*				
LCS (BA50684-BS2)											Prepared & Analyzed: 01/13/2025
Aroclor 1016	0.267	0.0166	mg/kg wet	0.332		80.3	40-130				
Aroclor 1260	0.260	0.0166	"	0.332		78.2	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0485*		*"*	*0.0664*		*73.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0422*		*"*	*0.0664*		*63.5*	*30-120*				
Batch BA50706 - EPA 3550C											
Blank (BA50706-BLK2)											Prepared & Analyzed: 01/14/2025
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0664*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0432*		*"*	*0.0664*		*65.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50706 - EPA 3550C											
LCS (BA50706-BS2)								Prepared & Analyzed: 01/14/2025			
Aroclor 1016	0.231	0.0166	mg/kg wet	0.332		69.6	40-130				
Aroclor 1260	0.219	0.0166	"	0.332		65.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0482*		"	*0.0664*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0442*		"	*0.0664*		*66.5*	*30-120*				
Matrix Spike (BA50706-MS2)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/14/2025			
Aroclor 1016	0.331	0.0238	mg/kg dry	0.476	ND	69.6	40-140				
Aroclor 1260	0.314	0.0238	"	0.476	ND	65.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0690*		"	*0.0951*		*72.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0571*		"	*0.0951*		*60.0*	*30-120*				
Matrix Spike Dup (BA50706-MSD2)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/14/2025			
Aroclor 1016	0.360	0.0238	mg/kg dry	0.476	ND	75.8	40-140		8.56	50	
Aroclor 1260	0.344	0.0238	"	0.476	ND	72.2	40-140		9.15	50	
Surrogate: Tetrachloro-m-xylene	*0.0785*		"	*0.0951*		*82.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0647*		"	*0.0951*		*68.0*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50657 - EPA 3550C/8151A											
Blank (BA50657-BLK1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.249*		*"*	*0.415*		*60.0*	*21-150*				
LCS (BA50657-BS1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
2,4,5-T	0.0324	0.0199	mg/kg wet	0.0664		48.8	10-120				
2,4,5-TP (Silvex)	0.0473	0.0199	"	0.0664		71.2	10-120				
2,4-D	0.0349	0.0199	"	0.0664		52.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.326*		*"*	*0.415*		*78.6*	*21-150*				
Matrix Spike (BA50657-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared: 01/13/2025 Analyzed: 01/14/2025			
2,4,5-T	0.0595	0.0285	mg/kg dry	0.0951	ND	62.5	10-120				
2,4,5-TP (Silvex)	0.0737	0.0285	"	0.0951	ND	77.5	10-120				
2,4-D	0.0678	0.0285	"	0.0951	ND	71.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.504*		*"*	*0.595*		*84.8*	*21-150*				
Matrix Spike Dup (BA50657-MSD1)	*Source sample: 25A0469-06 (UIC006)							Prepared: 01/13/2025 Analyzed: 01/14/2025			
2,4,5-T	0.0821	0.0285	mg/kg dry	0.0951	ND	86.2	10-120		31.9	35	
2,4,5-TP (Silvex)	0.0725	0.0285	"	0.0951	ND	76.2	10-120		1.63	35	
2,4-D	0.0737	0.0285	"	0.0951	ND	77.5	10-118		8.40	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.466*		*"*	*0.595*		*78.4*	*21-150*				
Batch BA50675 - EPA 8151A											
Blank (BA50675-BLK1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*103*		*"*	*125*		*82.2*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50675 - EPA 8151A											
LCS (BA50675-BS1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
2,4,5-T	16.2	5.00	ug/L	20.0		81.2	10-140				
2,4,5-TP (Silvex)	15.5	5.00	"	20.0		77.5	10-139				
2,4-D	17.8	5.00	"	20.0		88.8	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*101*		*"*	*125*		*80.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50687 - EPA 3015A											
Blank (BA50687-BLK1)								Prepared & Analyzed: 01/13/2025			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA50687-BS1)								Prepared & Analyzed: 01/13/2025			
Aluminum	1.94		ug/mL	2.00		96.9	80-120				
Barium	2.04		"	2.00		102	80-120				
Calcium	1.14		"	1.00		114	80-120				
Chromium	0.205		"	0.200		102	80-120				
Cobalt	0.512		"	0.500		102	80-120				
Copper	0.264		"	0.250		105	80-120				
Iron	1.03		"	1.00		103	80-120				
Lead	0.492		"	0.500		98.4	80-120				
Magnesium	1.05		"	1.00		105	80-120				
Manganese	0.516		"	0.500		103	80-120				
Nickel	0.510		"	0.500		102	80-120				
Potassium	0.905		"	1.00		90.5	80-120				
Silver	0.0495		"	0.0500		99.0	80-120				
Sodium	1.34		"	1.00		134	80-120	High Bias			
Vanadium	0.496		"	0.500		99.3	80-120				
Zinc	0.495		"	0.500		99.0	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50687 - EPA 3015A											
Duplicate (BA50687-DUP1)	*Source sample: 25A0469-12 (Field Blank 010825)								Prepared & Analyzed: 01/13/2025		
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	ND	0.0278	"		ND					20	
Calcium	0.0807	0.0556	"		0.0952				16.6	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	ND	0.0556	"		ND					20	
Manganese	ND	0.00556	"		ND					20	
Nickel	ND	0.0111	"		ND					20	
Potassium	0.155	0.0556	"		0.242				43.5	20	Non-dir.
Silver	ND	0.00556	"		ND					20	
Sodium	0.613	0.556	"		0.627				2.31	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BA50687-MS1)	*Source sample: 25A0469-12 (Field Blank 010825)								Prepared & Analyzed: 01/13/2025		
Aluminum	2.08	0.0556	mg/L	2.22	ND	93.5	75-125				
Barium	2.21	0.0278	"	2.22	ND	99.6	75-125				
Calcium	1.18	0.0556	"	1.11	0.0952	97.5	75-125				
Chromium	0.223	0.00556	"	0.222	ND	100	75-125				
Cobalt	0.553	0.00444	"	0.556	ND	99.5	75-125				
Copper	0.286	0.0222	"	0.278	ND	103	75-125				
Iron	1.07	0.278	"	1.11	ND	96.1	75-125				
Lead	0.529	0.00556	"	0.556	ND	95.3	75-125				
Magnesium	1.09	0.0556	"	1.11	ND	97.8	75-125				
Manganese	0.561	0.00556	"	0.556	ND	101	75-125				
Nickel	0.552	0.0111	"	0.556	ND	99.4	75-125				
Potassium	1.30	0.0556	"	1.11	0.242	95.5	75-125				
Silver	0.0521	0.00556	"	0.0556	ND	93.8	75-125				
Sodium	1.68	0.556	"	1.11	0.627	94.3	75-125				
Vanadium	0.540	0.0111	"	0.556	ND	97.2	75-125				
Zinc	0.539	0.0278	"	0.556	ND	96.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50687 - EPA 3015A											
Post Spike (BA50687-PS1)	*Source sample: 25A0469-12 (Field Blank 010825)							Prepared & Analyzed: 01/13/2025			
Aluminum	2.01		ug/mL	2.00	0.00310	101	75-125				
Barium	2.14		"	2.00	0.000300	107	75-125				
Calcium	1.15		"	1.00	0.0857	107	75-125				
Chromium	0.216		"	0.200	0.00150	107	75-125				
Cobalt	0.536		"	0.500	-0.000200	107	75-125				
Copper	0.276		"	0.250	0.00210	109	75-125				
Iron	1.03		"	1.00	0.0267	101	75-125				
Lead	0.512		"	0.500	-0.00130	102	75-125				
Magnesium	1.05		"	1.00	0.00800	104	75-125				
Manganese	0.542		"	0.500	0.000400	108	75-125				
Nickel	0.532		"	0.500	0.000100	106	75-125				
Potassium	1.23		"	1.00	0.217	101	75-125				
Silver	0.0464		"	0.0500	-0.000800	92.8	75-125				
Sodium	1.59		"	1.00	0.564	103	75-125				
Vanadium	0.524		"	0.500	0.000200	105	75-125				
Zinc	0.521		"	0.500	0.00420	103	75-125				
Batch BA50710 - EPA 3050B											
Blank (BA50710-BLK1)								Prepared: 01/13/2025 Analyzed: 01/14/2025			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50710 - EPA 3050B											
Duplicate (BA50710-DUP1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
Aluminum	5810	5.97	mg/kg dry		4640				22.4	35	
Antimony	ND	2.98	"		ND					35	
Arsenic	3.65	1.79	"		3.26				11.4	35	
Barium	20.1	2.98	"		17.2				15.5	35	
Beryllium	0.198	0.060	"		0.160				21.3	35	
Cadmium	ND	0.358	"		ND					35	
Calcium	1530	5.97	"		1510				1.20	35	
Chromium	9.80	0.597	"		9.40				4.10	35	
Cobalt	3.65	0.477	"		3.17				14.0	35	
Copper	26.2	2.39	"		25.2				4.13	35	
Iron	6330	29.8	"		5040				22.7	35	
Lead	18.9	0.597	"		17.6				7.39	35	
Magnesium	1370	5.97	"		1210				12.1	35	
Manganese	48.9	0.597	"		40.1				19.6	35	
Nickel	9.20	1.19	"		9.59				4.19	35	
Potassium	417	5.97	"		361				14.6	35	
Selenium	ND	2.98	"		ND					35	
Silver	ND	0.601	"		ND					35	
Sodium	122	59.7	"		134				9.63	35	
Thallium	ND	2.98	"		ND					35	
Vanadium	37.0	1.19	"		39.0				5.46	35	
Zinc	62.6	2.97	"		64.7				3.28	35	
Matrix Spike (BA50710-MS1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
Aluminum	7080	5.97	mg/kg dry	239	4640	NR	75-125	High Bias			
Antimony	9.90	2.98	"	29.8	ND	33.2	75-125	Low Bias			
Arsenic	239	1.79	"	239	3.26	98.7	75-125				
Barium	273	2.98	"	239	17.2	107	75-125				
Beryllium	6.46	0.060	"	5.97	0.160	106	75-125				
Cadmium	6.30	0.358	"	5.97	ND	106	75-125				
Calcium	2050	5.97	"	119	1510	456	75-125	High Bias			
Chromium	35.4	0.597	"	23.9	9.40	109	75-125				
Cobalt	67.5	0.477	"	59.7	3.17	108	75-125				
Copper	65.8	2.39	"	29.8	25.2	136	75-125	High Bias			
Iron	7160	29.8	"	119	5040	NR	75-125	High Bias			
Lead	83.1	0.597	"	59.7	17.6	110	75-125				
Magnesium	1940	5.97	"	119	1210	608	75-125	High Bias			
Manganese	121	0.597	"	59.7	40.1	135	75-125	High Bias			
Nickel	73.3	1.19	"	59.7	9.59	107	75-125				
Potassium	580	5.97	"	119	361	184	75-125	High Bias			
Selenium	230	2.98	"	239	ND	96.5	75-125				
Silver	5.98	0.601	"	5.97	ND	100	75-125				
Sodium	280	59.7	"	119	134	122	75-125				
Thallium	239	2.98	"	239	ND	100	75-125				
Vanadium	102	1.19	"	59.7	39.0	105	75-125				
Zinc	142	2.97	"	59.7	64.7	130	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50710 - EPA 3050B											
Post Spike (BA50710-PS1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
Aluminum	40.9		ug/mL	2.00	38.9	102	75-125				
Antimony	0.264		"	0.250	-0.002	106	75-125				
Arsenic	2.08		"	2.00	0.027	103	75-125				
Barium	2.30		"	2.00	0.144	108	75-125				
Beryllium	0.055		"	0.0500	0.001	108	75-125				
Cadmium	0.054		"	0.0500	0.002	104	75-125				
Calcium	13.6		"	1.00	12.6	98.5	75-125				
Chromium	0.294		"	0.200	0.079	107	75-125				
Cobalt	0.576		"	0.500	0.027	110	75-125				
Copper	0.502		"	0.250	0.211	116	75-125				
Iron	43.1		"	1.00	42.2	85.2	75-125				
Lead	0.657		"	0.500	0.147	102	75-125				
Magnesium	11.2		"	1.00	10.1	101	75-125				
Manganese	0.880		"	0.500	0.336	109	75-125				
Nickel	0.630		"	0.500	0.080	110	75-125				
Potassium	4.03		"	1.00	3.02	101	75-125				
Selenium	2.01		"	2.00	-0.0009	101	75-125				
Silver	0.049		"	0.0500	-0.0007	98.2	75-125				
Sodium	2.23		"	1.00	1.13	110	75-125				
Thallium	2.08		"	2.00	-0.007	104	75-125				
Vanadium	0.865		"	0.500	0.327	108	75-125				
Zinc	1.06		"	0.500	0.542	104	75-125				
Reference (BA50710-SRM1)									Prepared: 01/13/2025 Analyzed: 01/14/2025		
Aluminum	7290	4.17	mg/kg wet	7680		95.0	35.7-119				
Antimony	66.2	2.08	"	244		27.1	0-125				
Arsenic	232	1.25	"	283		82.1	70-99.5				
Barium	300	2.08	"	326		92.0	73.9-107.1				
Beryllium	159	0.042	"	175		91.0	75.4-107.4				
Cadmium	81.6	0.250	"	95.8		85.1	72.3-103.7				
Calcium	5190	4.17	"	5470		94.8	79.5-113.2				
Chromium	223	0.417	"	239		93.3	72.4-106.3				
Cobalt	139	0.333	"	150		92.5	76-107.3				
Copper	210	1.67	"	217		97.0	74.6-105.1				
Iron	6980	20.8	"	7360		94.9	53-127.9				
Lead	181	0.417	"	210		86.2	75.7-109.5				
Magnesium	1950	4.17	"	2080		93.6	67.3-111.1				
Manganese	265	0.417	"	290		91.5	73.4-107.3				
Nickel	301	0.830	"	329		91.4	74.5-106.7				
Potassium	2180	4.17	"	2330		93.6	60.9-111.6				
Selenium	267	2.08	"	281		95.0	77.6-115.7				
Silver	73.1	0.420	"	82.7		88.4	73.8-111.7				
Sodium	397	41.7	"	427		93.0	71.2-118.7				
Thallium	107	2.08	"	123		87.2	70.2-104.9				
Vanadium	176	0.830	"	192		91.5	68.8-107.8				
Zinc	230	2.08	"	260		88.4	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50766 - EPA 3015A											
Blank (BA50766-BLK1)										Prepared & Analyzed: 01/14/2025	
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA50766-BS1)										Prepared & Analyzed: 01/14/2025	
Aluminum	1.84		ug/mL	2.00		91.9	80-120				
Barium	1.98		"	2.00		98.9	80-120				
Calcium	1.05		"	1.00		105	80-120				
Chromium	0.199		"	0.200		99.6	80-120				
Cobalt	0.499		"	0.500		99.8	80-120				
Copper	0.251		"	0.250		100	80-120				
Iron	0.958		"	1.00		95.8	80-120				
Lead	0.473		"	0.500		94.7	80-120				
Magnesium	0.973		"	1.00		97.3	80-120				
Manganese	0.499		"	0.500		99.7	80-120				
Nickel	0.501		"	0.500		100	80-120				
Potassium	0.975		"	1.00		97.5	80-120				
Silver	0.0460		"	0.0500		92.0	80-120				
Sodium	1.09		"	1.00		109	80-120				
Vanadium	0.492		"	0.500		98.5	80-120				
Zinc	0.481		"	0.500		96.2	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50797 - EPA 3050B											
Blank (BA50797-BLK1)											Prepared: 01/14/2025 Analyzed: 01/15/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	11.9	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.00	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BA50797-SRM1)											Prepared: 01/14/2025 Analyzed: 01/15/2025
Aluminum	5920	4.17	mg/kg wet	7680		77.0	35.7-119				
Antimony	57.3	2.08	"	244		23.5	0-125				
Arsenic	219	1.25	"	283		77.3	70-99.5				
Barium	276	2.08	"	326		84.7	73.9-107.1				
Beryllium	152	0.042	"	175		87.0	75.4-107.4				
Cadmium	76.4	0.250	"	95.8		79.8	72.3-103.7				
Calcium	4830	4.17	"	5470		88.4	79.5-113.2				
Chromium	194	0.417	"	239		81.2	72.4-106.3				
Cobalt	132	0.333	"	150		88.3	76-107.3				
Copper	196	1.67	"	217		90.2	74.6-105.1				
Iron	6160	20.8	"	7360		83.7	53-127.9				
Lead	178	0.417	"	210		84.8	75.7-109.5				
Magnesium	1760	4.17	"	2080		84.4	67.3-111.1				
Manganese	249	0.417	"	290		85.7	73.4-107.3				
Nickel	285	0.830	"	329		86.5	74.5-106.7				
Potassium	1900	4.17	"	2330		81.6	60.9-111.6				
Selenium	246	2.08	"	281		87.5	77.6-115.7				
Silver	46.7	0.420	"	82.7		56.5	73.8-111.7	Low Bias			
Sodium	375	41.7	"	427		87.8	71.2-118.7				
Thallium	103	1.00	"	123		83.5	70.2-104.9				
Vanadium	154	0.830	"	192		80.0	68.8-107.8				
Zinc	219	2.08	"	260		84.3	72.7-109.2				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50767 - EPA 3015A											
Blank (BA50767-BLK1)											Prepared: 01/14/2025 Analyzed: 01/15/2025
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BA50767-BS1)											Prepared: 01/14/2025 Analyzed: 01/15/2025
Antimony	54.8		ug/L	50.0		110	80-120				
Arsenic	49.2		"	50.0		98.5	80-120				
Beryllium	51.2		"	50.0		102	80-120				
Cadmium	52.2		"	50.0		104	80-120				
Selenium	39.8		"	50.0		79.6	80-120	Low Bias			
Thallium	47.1		"	50.0		94.2	80-120				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50780 - EPA SW846-7470A											
Blank (BA50780-BLK1)								Prepared & Analyzed: 01/14/2025			
Mercury	ND	0.0002	mg/L								
Blank (BA50780-BLK2)								Prepared & Analyzed: 01/14/2025			
Mercury	ND	0.0002	mg/L								
LCS (BA50780-BS1)								Prepared & Analyzed: 01/14/2025			
Mercury	0.0020465	0.0002	mg/L	0.00200		102	80-120				
LCS (BA50780-BS2)								Prepared & Analyzed: 01/14/2025			
Mercury	0.0019783	0.0002	mg/L	0.00200		98.9	80-120				
Batch BA50791 - EPA 7473 soil											
Blank (BA50791-BLK1)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA50791-SRM1)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury	22.440		mg/kg	24.9		90.1	64.7-118.5				
Batch BA50792 - EPA 7473 soil											
Blank (BA50792-BLK1)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA50792-DUP1)	*Source sample: 25A0469-06 (UIC006)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
Mercury	0.114	0.0430	mg/kg dry		0.193				51.7	35	Non-dir.

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50792 - EPA 7473 soil											
Matrix Spike (BA50792-MS1)	*Source sample: 25A0469-06 (UIC006)								Prepared: 01/14/2025 Analyzed: 01/15/2025		
Mercury	0.519		mg/kg	0.500	0.135	76.9	75-125				
Reference (BA50792-SRM1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Mercury	27.884		mg/kg	24.9		112	64.7-118.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50521 - Analysis Preparation											
Blank (BA50521-BLK1)								Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA50521-BS1)								Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	0.507	0.0100	mg/L	0.500		101	85-115				
Duplicate (BA50521-DUP1)	*Source sample: 25A0469-12 (Field Blank 010825)							Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA50521-MS1)	*Source sample: 25A0469-12 (Field Blank 010825)							Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	0.518	0.0100	mg/L	0.500	ND	104	85-115				
Matrix Spike Dup (BA50521-MSD1)	*Source sample: 25A0469-12 (Field Blank 010825)							Prepared & Analyzed: 01/09/2025			
Chromium, Hexavalent	0.556	0.0100	mg/L	0.500	ND	111	85-115		7.08	200	
Batch BA50596 - Analysis Preparation											
Blank (BA50596-BLK1)								Prepared & Analyzed: 01/10/2025			
Cyanide, total	ND	0.0100	mg/L								
LCS (BA50596-BS1)								Prepared & Analyzed: 01/10/2025			
Cyanide, total	0.0990	0.0100	mg/L	0.100		99.0	80-120				
Batch BA50659 - EPA SW846-3060											
Blank (BA50659-BLK1)								Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50659 - EPA SW846-3060											
Duplicate (BA50659-DUP1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	ND	0.716	mg/kg dry		ND					35	
Matrix Spike (BA50659-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	8.53	0.716	mg/kg dry	28.6	ND	29.8	75-125	Low Bias			
Matrix Spike Dup (BA50659-MSD1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	11.4	0.716	mg/kg dry	28.6	ND	39.8	75-125	Low Bias	28.7	200	
Reference (BA50659-SRM1)								Prepared & Analyzed: 01/13/2025			
Chromium, Hexavalent	283		mg/L	227		125	42.3-157.7				
Batch BA50665 - Analysis Preparation Soil											
Blank (BA50665-BLK1)								Prepared & Analyzed: 01/13/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BA50665-DUP1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/13/2025			
Cyanide, total	ND	0.716	mg/kg dry		ND					15	
Matrix Spike (BA50665-MS1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/13/2025			
Cyanide, total	6.83	0.716	mg/kg dry	7.16	ND	95.4	79.6-107				
Matrix Spike Dup (BA50665-MSD1)	*Source sample: 25A0469-06 (UIC006)							Prepared & Analyzed: 01/13/2025			
Cyanide, total	7.39	0.716	mg/kg dry	7.16	ND	103	79.6-107		7.85	200	
Reference (BA50665-SRM1)								Prepared & Analyzed: 01/13/2025			
Cyanide, total	128		ug/mL	111		115	43.5-170				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50543 - % Solids Prep											
Duplicate (BA50543-DUP1)	*Source sample: 25A0469-06 (UIC006)								Prepared & Analyzed: 01/10/2025		
% Solids	71.9	0.100	%		69.8				2.96	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A0469-01	UIC001	40mL Vial with Stir Bar-Cool 4° C
25A0469-02	UIC002	40mL Vial with Stir Bar-Cool 4° C
25A0469-03	UIC003	40mL Vial with Stir Bar-Cool 4° C
25A0469-04	UIC004	40mL Vial with Stir Bar-Cool 4° C
25A0469-05	UIC005	40mL Vial with Stir Bar-Cool 4° C
25A0469-06	UIC006	40mL Vial with Stir Bar-Cool 4° C
25A0469-07	UIC007	40mL Vial with Stir Bar-Cool 4° C
25A0469-08	UIC008	40mL Vial with Stir Bar-Cool 4° C
25A0469-09	UIC009	40mL Vial with Stir Bar-Cool 4° C
25A0469-10	UIC010	40mL Vial with Stir Bar-Cool 4° C
25A0469-11	UIC00X	40mL Vial with Stir Bar-Cool 4° C
25A0469-12	Field Blank 010825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0469-13	Equipment Blank 010825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0469-14	Trip Blank 010825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
PF-CCV-H	The CCV recovery for this PFAS compound was above control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: Hex chrome arriving out of hold for the Field Blank and Equipment Blank

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 25A0469

Page 1 of 2

Report To:	Invoice To:
Company: H2M	Company:
Address: 290 Broad Hollow Rd Melville NY	Address: Same
Phone.:	Phone.:
Contact: Steve Kaplan	Contact:
E-mail: skaplan@h2m.com	E-mail:

YOUR Project Name / Number: GRFD 2301

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other: DI	PFAS Method 1633	TCL VOCs + 10 TICs 8260D	SVOCs + 20 TICs 8270D	TAL Metals + Hexchrome 6010D 7473A 7196A	PCBs 8082A	TCL Pesticides 8081B	TCL Herbicides 8151A	Cyanide 9014/9010C	1,4-Dioxane 8270DSIM	Grab or Comp.
UIC001	1/8/25	845	S	5		1							2	X	X	X	X	X	X	X	X	X	G/C
UIC002		905	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC003		929	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC004		1003	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC005		1030	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC006		1107	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC006 MS		1109	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC006 MSD		1111	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC007		1130	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC008		1319	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC009		1330	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC010		1345	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC00X		1005	S	5		1							2	X	X	X	X	X	X	X	X	X	
Field Blank 1/8/25		1217	FB	8	3		1		1					X	X	X	X	X	X	X	X	X	
Equipment Blank 1/8/25		1245	EB	8	3		1		1					X	X	X	X	X	X	X	X	X	

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

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

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
H2M	1/8/25	Lakewood	1/8/25		1/9/25
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
H2M	1/9/25	H2M	1/9/25 1020 AM	KBachyork	1/9/25 10:20 AM
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
KBachyork	1/9/25 16:30				1/9/25 16:30 1.7 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 25A0469

Report To:	Invoice To:
Company:	Company:
Address: Sare	Address: Sare
Phone.:	Phone.:
Contact:	Contact:
E-mail:	E-mail:

YOUR Project Name / Number: ORFD 2301

PO Number:

Samples Collected From: NY X | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) | PFAS Standard 7-10 Day

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCL VOCs +10 TICs 8260D	Grab or Comp.
Trip Blank 1/8/25	1/8/25	—	TB		2									X	G/C

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

Field Filtered

Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

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

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
H2M	1/8/25	Lakewood	1/8/25		1/9/25
2. Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
H2M	1/9/25	H2M	1/9/25 12:40PM	KBarkyork	1/9/25 10:20AM
4. Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time / Temperature**
KBarkyork	1/9/25 16:30				1/9/25 16:30 1.7 degrees C

Technical Report

prepared for:

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Report Date: 01/21/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0590

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

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

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

Report Date: 01/21/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0590

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 10, 2025 and listed below. The project was identified as your project: **ORFD2301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25A0590-01	SB006 (0-2 IN)	Soil	01/09/2025	01/10/2025
25A0590-02	SB006 (2 IN -24 IN)	Soil	01/09/2025	01/10/2025
25A0590-03	SB006 (6- 8 FT)	Soil	01/09/2025	01/10/2025
25A0590-04	SB007 (0-2IN)	Soil	01/09/2025	01/10/2025
25A0590-05	SB007 (2IN -24IN)	Soil	01/09/2025	01/10/2025
25A0590-06	SB007 (6-8FT)	Soil	01/09/2025	01/10/2025
25A0590-07	UICO11	Soil	01/09/2025	01/10/2025
25A0590-08	MW001	Ground Water	01/09/2025	01/10/2025
25A0590-09	MW002	Ground Water	01/09/2025	01/10/2025
25A0590-10	MW003	Ground Water	01/09/2025	01/10/2025
25A0590-11	MW004	Ground Water	01/09/2025	01/10/2025
25A0590-12	MW00X	Ground Water	01/09/2025	01/10/2025
25A0590-13	Equipment Blank 1/9/25	Water	01/09/2025	01/10/2025
25A0590-14	Field Blank 1/9/25	Water	01/09/2025	01/10/2025
25A0590-15	Trip Blank 1/9/25	Water	01/09/2025	01/10/2025

General Notes for York Project (SDG) No.: 25A0590

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 01/21/2025

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:47	01/11/2025 17:35	SCB

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:01	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:01	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:01	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.197	0.395	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.395	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	01/15/2025 20:01	AK
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
105-60-2	Caprolactam	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
218-01-9	Chrysene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
206-44-0	Fluoranthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:01	AK
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
78-59-1	Isophorone	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
91-20-3	Naphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
85-01-8	Phenanthrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
108-95-2	Phenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK
129-00-0	Pyrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:01	AK

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*101 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*92.2 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*		*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: **SB006 (0-2 IN)** **York Sample ID:** **25A0590-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/14/2025 08:42	01/16/2025 14:48	SS

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*196 %*	S-HI, S-08	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.183**	J	ug/kg dry	0.0634	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.214	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.283**		ug/kg dry	0.206	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**4.26**		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.226	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.229	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.195	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.177	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.232	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.153**	J	ug/kg dry	0.130	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.185	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.898	0.910	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.904	0.919	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.957	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.231	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0742	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.479	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.188	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.712	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.728	0.957	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.372	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.294	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.208	0.905	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.232	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.230	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:15	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.759	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.51	5.98	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.80	5.98	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.731	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.834	2.39	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:15	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*87.7 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*80.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*78.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*84.5 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*87.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*79.8 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*69.9 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*66.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*71.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*73.4 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*85.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*52.3 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*63.3 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*65.0 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*74.4 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*74.7 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*83.5 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*74.8 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*41.2 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.7 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*77.8 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*37.1 %*	*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*36.2 %*	*25-150*

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/15/2025 06:22	01/15/2025 20:01	AK

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
72-55-9	**4,4'-DDE**	**0.0386**		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/14/2025 19:38	SCB
50-29-3	**4,4'-DDT**	**0.0452**		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/14/2025 19:38	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 19:38	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
60-57-1	**Dieldrin**	**0.00232**		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/14/2025 19:38	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 19:38	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 19:38	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:38	SCB

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0395	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0237	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **SB006 (0-2 IN)** **York Sample ID:** **25A0590-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0237	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0237	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:44	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*88.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**21700**		mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**64.8**		mg/kg dry	1.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**70.7**		mg/kg dry	2.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.798**		mg/kg dry	0.050	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.300	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**2230**		mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**67.7**		mg/kg dry	0.501	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.09**		mg/kg dry	0.400	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**102**		mg/kg dry	2.00	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**16300**		mg/kg dry	25.0	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**89.4**		mg/kg dry	0.501	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2500**		mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**164**		mg/kg dry	0.501	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**9.68**		mg/kg dry	0.997	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**651**	B	mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**124**		mg/kg dry	50.1	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.20	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**34.4**		mg/kg dry	0.997	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**51.7**		mg/kg dry	2.49	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.583**		mg/kg dry	0.0360	1	EPA 7473	01/15/2025 14:04	01/16/2025 12:04	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.601	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.601	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.2**		%	0.100	1	SM 2540G	01/13/2025 08:45	01/13/2025 13:24	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.089	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:03 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:47	01/11/2025 18:03	SCB

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:30	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:30	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:30	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:30	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:30	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:30	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:30	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:30	AK

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.169	0.337	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications:	01/14/2025 08:42	01/16/2025 15:22	SS NELAC-NY10854

Sample Information

Client Sample ID: SB006 (2 IN -24 IN)

York Sample ID: 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*114 %*		*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.181	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0802**	J	ug/kg dry	0.0543	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.126**	J	ug/kg dry	0.108	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.411**		ug/kg dry	0.176	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.10**		ug/kg dry	0.171	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.167	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.199	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.769	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.774	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.365	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.198	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0636	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0984	0.410	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.610	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.623	0.820	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.319	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.252	0.767	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.178	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.173	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.650	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.15	5.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.626	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.715	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:32	AM

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*127 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*111 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*118 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*128 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*115 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.2 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*102 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*89.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*116 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*93.7 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*112 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*117 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.5 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*58.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*65.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.9 %*			*25-150*						

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/15/2025 06:22	01/15/2025 20:30	AK

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 19:51	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 19:51	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 19:51	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 19:51	SCB

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 19:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 19:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SCB
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 19:51	SCB

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*86.7 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*80.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 20:57	NF

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0203	1	EPA 8151A Certifications:	01/14/2025 08:44	01/15/2025 12:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0203	1	EPA 8151A Certifications:	01/14/2025 08:44	01/15/2025 12:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0203	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*94.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9880**		mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**4.24**		mg/kg dry	1.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**23.5**		mg/kg dry	2.14	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.229**		mg/kg dry	0.043	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.257	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**621**		mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**11.5**		mg/kg dry	0.428	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.06**		mg/kg dry	0.342	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**12.2**		mg/kg dry	1.71	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**8040**		mg/kg dry	21.4	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**5.20**		mg/kg dry	0.428	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1860**		mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**114**		mg/kg dry	0.428	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**7.27**		mg/kg dry	0.853	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**450**	B	mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**70.2**		mg/kg dry	42.8	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**21.0**		mg/kg dry	0.853	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**22.4**		mg/kg dry	2.13	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0683**		mg/kg dry	0.0308	1	EPA 7473	01/15/2025 14:04	01/16/2025 12:04	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	01/13/2025 08:45	01/13/2025 13:24	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB006 (6- 8 FT)** **York Sample ID:** **25A0590-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:31 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.1 %*	*85-120*

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:47	01/11/2025 18:31	SCB

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:59	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:59	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:59	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:59	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:59	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 20:59	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 20:59	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
65-85-0	Benzoic acid	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
105-60-2	Caprolactam	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	AK
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 20:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	AK

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
78-59-1	Isophorone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:59	AK

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.3 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/14/2025 08:42	01/16/2025 15:40	SS

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*		*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0546	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.773	0.783	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.778	0.791	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.367	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0639	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0989	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.613	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.627	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.779	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 20:48	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.653	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.55	5.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.630	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.718	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 20:48	AM

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*118 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*125 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*116 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*106 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*90.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*102 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*94.2 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*117 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*75.6 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.4 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*80.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*85.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*44.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*56.5 %*			*25-150*						

Sample Information

Client Sample ID: **SB006 (6- 8 FT)** **York Sample ID:** **25A0590-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/15/2025 06:22	01/15/2025 20:59	AK

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:04	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 20:04	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:04	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:04	SCB

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0204	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0204	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0204	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:58	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*86.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1500**		mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.29	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**9.17**		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.068**		mg/kg dry	0.043	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**43.1**		mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**2.29**		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**0.931**		mg/kg dry	0.345	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**4.03**		mg/kg dry	1.72	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**4820**		mg/kg dry	21.5	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.49**		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**360**		mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**32.4**		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**1.09**		mg/kg dry	0.859	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**339**	B	mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.435	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	43.1	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**4.97**		mg/kg dry	0.859	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**5.18**		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.517	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.517	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.7**		%	0.100	1	SM 2540G	01/13/2025 08:45	01/13/2025 13:24	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB007 (0-2IN)** **York Sample ID:** **25A0590-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 18:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:47	01/11/2025 18:58	SCB

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:28	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:28	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 21:28	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:28	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 21:28	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 21:28	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:28	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:28	AK

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*74.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.0 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications:	01/14/2025 08:42 NELAC-NY10854	01/15/2025 19:43	SS

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*		*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.131**	J	ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.149**	J	ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.261**		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.582**		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.179**	J	ug/kg dry	0.116	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM

Sample Information

Client Sample ID: **SB007 (0-2IN)** **York Sample ID:** **25A0590-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.798	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.185**	J	ug/kg dry	0.116	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0659	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.796	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.804	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.674	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*126 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*134 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*112 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*122 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*107 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*108 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*104 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*120 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*135 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*116 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*121 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*137 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.6 %*			*25-150*						

Sample Information

Client Sample ID: **SB007 (0-2IN)** **York Sample ID:** **25A0590-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/15/2025 06:22	01/15/2025 21:28	AK

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:17	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 20:17	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:17	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:17	SCB

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:17 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SCB
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:17	SCB

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:24	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A Certifications:	01/14/2025 08:44	01/15/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A Certifications:	01/14/2025 08:44	01/15/2025 13:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*89.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20400**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**14.3**		mg/kg dry	1.33	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**47.4**		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.648**		mg/kg dry	0.045	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**656**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**20.9**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**7.91**		mg/kg dry	0.355	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**36.2**		mg/kg dry	1.78	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**18600**		mg/kg dry	22.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**16.0**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**2680**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**223**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**10.9**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**627**	B	mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**63.0**		mg/kg dry	44.4	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**35.7**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**34.0**		mg/kg dry	2.21	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0567**		mg/kg dry	0.0320	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	01/13/2025 08:43	01/13/2025 13:14	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:47	01/11/2025 19:26	SCB

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:57	AK
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:57	AK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 21:57	AK
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:57	AK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 21:57	AK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,PADEP-68-04440	01/15/2025 21:57	AK
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 21:57	AK
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:57	AK

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		mg/kg dry	0.199	0.398	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		mg/kg dry	0.199	0.398	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-20-3	Naphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
85-01-8	Phenanthrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-95-2	Phenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
129-00-0	Pyrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications:	01/14/2025 08:42 NELAC-NY10854	01/15/2025 19:59	SS

Sample Information

Client Sample ID: SB007 (2IN -24IN)

York Sample ID: 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*		*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0642	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.127	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.217	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.208	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.229	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.231	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.240	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.197	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.151	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.125	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.179	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.235	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.132	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.177	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.188	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.909	0.921	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.915	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.132	0.969	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.168	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.234	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0751	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.116	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.190	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.721	0.909	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.737	0.969	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.377	0.916	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.298	0.906	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.211	0.916	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.205	0.235	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.150	0.233	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.768	1.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.54	6.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.82	6.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.740	2.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.218	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.844	2.42	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.240	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*117 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*114 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*110 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*96.8 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*94.9 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*86.8 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*68.8 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*91.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*111 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*86.8 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.1 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*82.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*70.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*85.4 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*70.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*73.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*68.2 %*			*25-150*						

Sample Information

Client Sample ID: **SB007 (2IN -24IN)** **York Sample ID:** **25A0590-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/15/2025 06:22	01/15/2025 21:57	AK

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:30	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 20:30	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:30	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:30	SCB

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0389	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*77.9 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0238	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0238	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0238	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*98.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5830**		mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.52	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**2.02**		mg/kg dry	1.51	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**41.3**		mg/kg dry	2.52	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.307**		mg/kg dry	0.051	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.303	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**214**		mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**7.28**		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**5.53**		mg/kg dry	0.403	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**7.03**		mg/kg dry	2.02	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**8740**		mg/kg dry	25.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**4.49**		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**1200**		mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**273**		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**5.20**		mg/kg dry	1.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**898**	B	mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.52	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.509	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	50.5	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**16.3**		mg/kg dry	1.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**15.8**		mg/kg dry	2.51	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0363	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.606	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.606	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.5**		%	0.100	1	SM 2540G	01/13/2025 08:43	01/13/2025 13:14	SMM
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB007 (6-8FT)** **York Sample ID:** **25A0590-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	SCB
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 19:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*85-120*

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:47	01/11/2025 19:54	SCB

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 17:41	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 17:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,PADEP-68-04440	01/15/2025 17:41	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 17:41	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,PADEP-68-04440	01/15/2025 17:41	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,PADEP-68-04440	01/15/2025 17:41	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 17:41	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.169	0.337	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.169	0.337	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0842	0.168	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:41	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*34.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.9 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications:	01/14/2025 08:42 NELAC-NY10854	01/15/2025 20:14	SS

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*		*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.111	0.177	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0531	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.105	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.179	0.183	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.172	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.167	0.186	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.189	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.191	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.163	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.103	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.148	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.194	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.109	0.400	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.146	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.155	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.191	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.751	0.761	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.756	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.109	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.139	0.356	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.193	0.400	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0621	0.400	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0961	0.400	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.157	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.596	0.751	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.609	0.801	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.311	0.757	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.246	0.749	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.174	0.757	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.169	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.124	0.192	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:13	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.635	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.10	5.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.50	5.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.612	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.698	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:13	AM

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*111 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*97.9 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*103 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*77.5 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*76.7 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*16.1 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*86.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*100 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*87.1 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*72.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*65.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*80.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*101 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.0 %*			*25-150*						

Sample Information

Client Sample ID: **SB007 (6-8FT)** **York Sample ID:** **25A0590-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/14/2025 08:21	01/15/2025 17:41	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:43	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 20:43	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:43	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:43	SCB

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:43	SCB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:43	SCB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:43	SCB

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 21:52	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0202	1	EPA 8151A Certifications:	01/13/2025 07:00	01/14/2025 18:16	GXB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0202	1	EPA 8151A Certifications:	01/13/2025 07:00	01/14/2025 18:16	GXB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0202	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:16	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*76.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6490**		mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.11	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.17**		mg/kg dry	1.27	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**65.7**		mg/kg dry	2.11	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.095**		mg/kg dry	0.043	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.253	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**876**		mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**3.23**		mg/kg dry	0.422	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**7.36**		mg/kg dry	0.337	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**6.47**		mg/kg dry	1.69	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**11700**		mg/kg dry	21.1	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.70**		mg/kg dry	0.422	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**3570**		mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**218**		mg/kg dry	0.422	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**2.94**		mg/kg dry	0.841	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**3400**	B	mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.11	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.425	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**50.5**		mg/kg dry	42.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-28-0	Thallium	ND		mg/kg dry	1.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	0.841	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**20.0**		mg/kg dry	2.10	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0304	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.507	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.507	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.7**		%	0.100	1	SM 2540G	01/13/2025 16:14	01/13/2025 21:42	JRO
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260D Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/11/2025 11:47	01/11/2025 20:21	SCB

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:11	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,PADEP-68-04440	01/15/2025 18:11	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:11	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,PADEP-68-04440	01/15/2025 18:11	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,PADEP-68-04440	01/15/2025 18:11	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:11	SS
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:11	SS

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.178	0.355	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.178	0.355	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0887	0.177	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E Certifications:	01/14/2025 08:21	01/15/2025 18:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*28.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*34.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.2 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM Certifications:	01/14/2025 08:42	01/15/2025 20:30 NELAC-NY10854	SS

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*		*39-127.5*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.189	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0565	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.800	0.811	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.805	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0661	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.800	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.798	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.806	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 17:30	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.676	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.33	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.743	2.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 17:30	AM

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*119 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*109 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*95.3 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*91.9 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*90.3 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*95.7 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*101 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*108 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*92.9 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*81.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*85.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*58.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.9 %*			*25-150*						

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/14/2025 08:21	01/15/2025 18:11	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:57	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854	01/14/2025 20:57	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 NELAC-NY10854,NJDEP-CT005	01/14/2025 20:57	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 20:57	SCB

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:57	SCB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:57	SCB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B Certifications:	01/14/2025 08:24	01/14/2025 20:57	SCB

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	01/14/2025 08:24	01/14/2025 22:06	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0213	1	EPA 8151A Certifications:	01/13/2025 07:00	01/14/2025 18:23	GXB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0213	1	EPA 8151A Certifications:	01/13/2025 07:00	01/14/2025 18:23	GXB CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0213	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:23	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*84.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1880**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/kg dry	1.33	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**7.96**		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-41-7	**Beryllium**	**0.087**		mg/kg dry	0.045	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**142**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	**Chromium**	**2.89**		mg/kg dry	0.445	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-48-4	**Cobalt**	**0.889**		mg/kg dry	0.355	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	**Copper**	**21.6**		mg/kg dry	1.78	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-89-6	**Iron**	**3360**		mg/kg dry	22.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-92-1	**Lead**	**1.86**		mg/kg dry	0.445	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-95-4	**Magnesium**	**384**		mg/kg dry	4.45	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**22.0**		mg/kg dry	0.445	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	**Nickel**	**1.60**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-09-7	**Potassium**	**229**	B	mg/kg dry	4.45	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	44.4	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**4.94**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-66-6	**Zinc**	**10.6**		mg/kg dry	2.21	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/15/2025 08:59	01/15/2025 14:40	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	01/13/2025 16:14	01/13/2025 21:42	JRO
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 17:39	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 17:39	PD

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	5.46	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.09	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.46	10.9	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
78-59-1	Isophorone	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
108-95-2	Phenol	ND		ug/L	0.820	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS
2312-35-8	* Propargite	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:19	SS
110-86-1	Pyridine	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:19	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.7 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
120-12-7	Anthracene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
1912-24-9	Atrazine	ND	ICVE	ug/L	0.546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
218-01-9	Chrysene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
86-73-7	Fluorene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0219	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
91-20-3	Naphthalene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.273	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.273	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 17:45	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK
129-00-0	Pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:45	AAK

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	01/15/2025 08:43 NJDEP-CT005,NELAC-NY10854	01/16/2025 19:04	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*			*36.6-118*					

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**1.85**		ng/L	0.446	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**6.10**		ng/L	0.332	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.41**		ng/L	0.674	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**7.38**		ng/L	0.645	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**4.75**		ng/L	0.398	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**34.5**		ng/L	0.778	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.917**	J	ng/L	0.493	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**6.56**		ng/L	0.712	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.702	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.655	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.750	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.977	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**5.96**		ng/L	0.218	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.863	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**8.55**		ng/L	1.25	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.12	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.29	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.313	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.474	3.38	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:14	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:14	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.237	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:14	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.351	3.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:14	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.30**	J	ng/L	0.721	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.664	7.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
919005-14-4	ADONA	ND		ng/L	0.503	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.882	1.84	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.816	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.74	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.95	23.7	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.98	23.7	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.90	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.90	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*107 %*	*25-150*

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*113 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*113 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*80.0 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*74.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*38.3 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*110 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*112 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*107 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.5 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.2 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*49.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSA	*Surrogate: d9-N-EtFOSE*	*76.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.6 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
								Certifications:			

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
							Certifications:			

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

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

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:54	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*94.8 %*	*30-150*

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.170**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.0317**		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**45.9**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.0202**		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**15.4**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.892**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.23**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**31.6**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/15/2025 14:30	01/15/2025 19:35	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	**Chloroform**	**0.300**	J	ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 18:08	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 18:08	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 18:08	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	01/14/2025 18:08	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	01/14/2025 18:08	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
75-65-0	**tert-Butyl alcohol (TBA)**	**0.620**	J	ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 18:08	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 18:08	PD

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:08 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 18:08	PD

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	6.06	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.21	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.06	12.1	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
78-59-1	Isophorone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
108-95-2	Phenol	ND		ug/L	0.909	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS
2312-35-8	* Propargite	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS
110-86-1	Pyridine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 16:48	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.4 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*21.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
120-12-7	Anthracene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
1912-24-9	Atrazine	ND	ICVE	ug/L	0.606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
218-01-9	Chrysene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
86-73-7	Fluorene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0242	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
91-20-3	Naphthalene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.303	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.303	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 18:15	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK
129-00-0	Pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:15	AAK

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	01/15/2025 08:43 NJDEP-CT005,NELAC-NY10854	01/16/2025 19:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*36.6-118*

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**3.96**		ng/L	0.432	1.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**93.1**		ng/L	0.322	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**21.6**		ng/L	0.652	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**3.78**		ng/L	0.625	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**24.8**		ng/L	0.386	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**14.6**		ng/L	0.753	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.32**		ng/L	0.478	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**2.00**		ng/L	0.689	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.809	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.680	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.634	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.726	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.946	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**101**		ng/L	0.211	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.809	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.836	1.75	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.21	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.89	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.88	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**15.8**		ng/L	0.303	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.459	3.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.97	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.230	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.340	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.698	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.64	6.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.97	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.643	6.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
919005-14-4	ADONA	ND		ng/L	0.487	6.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.854	1.78	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.790	1.76	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.59	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.73	23.0	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.70	23.0	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.67	18.4	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.45	1.84	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.67	18.4	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.65	1.84	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*125 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*110 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*139 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*	*25-150*

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*83.9 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*37.9 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*116 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*114 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*103 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.6 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.9 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.2 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*116 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*144 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*67.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*73.4 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 16:48	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:14	scb
72-55-9	**4,4'-DDE**	**0.00407**		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/15/2025 21:14	scb
50-29-3	**4,4'-DDT**	**0.00508**		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	01/15/2025 21:14	scb
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 21:14	scb

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00582**		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 13:01	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*92.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.223**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**8.24**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2.56**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.187**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1.49**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**73.6**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/15/2025 14:30	01/15/2025 19:35	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 18:36	PD

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 17:18	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 17:18	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 17:18	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
95-57-8	2-Chlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
95-48-7	2-Methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
88-74-4	2-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
88-75-5	2-Nitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
99-09-2	3-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:18	SS

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	6.06	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.21	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.06	12.1	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.909	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
2312-35-8	* Propargite	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS
110-86-1	Pyridine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-12-7	Anthracene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	ICVE	ug/L	0.606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
218-01-9	Chrysene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 18:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 08:38	01/15/2025 18:45	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0242	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 08:38	01/15/2025 18:45	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 08:38	01/15/2025 18:45	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 08:38	01/15/2025 18:45	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 08:38	01/15/2025 18:45	AAK
91-20-3	Naphthalene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 08:38	01/15/2025 18:45	AAK
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.303	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 08:38	01/15/2025 18:45	AAK
62-75-9	N-Nitrosodimethylamine	ND	QL-02, CCVE	ug/L	0.606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 08:38	01/15/2025 18:45	AAK
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.303	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/14/2025 08:38	01/15/2025 18:45	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 08:38	01/15/2025 18:45	AAK
129-00-0	Pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/14/2025 08:38	01/15/2025 18:45	AAK

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	01/15/2025 08:43	01/16/2025 19:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**59.0**		ng/L	0.445	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**123**		ng/L	0.331	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**112**		ng/L	0.672	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**361**		ng/L	0.644	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM

Sample Information

Client Sample ID: **MW003**

York Sample ID: **25A0590-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	**Perfluorooctanoic acid (PFOA)**	**48.4**		ng/L	0.398	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3850**		ng/L	82.0	186	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/18/2025 15:35	01/20/2025 21:29	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**22.7**		ng/L	0.492	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**6.34**		ng/L	0.710	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**5.70**		ng/L	1.07	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**10.7**		ng/L	0.833	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.701	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.653	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
2355-31-9	**N-MeFOSAA**	**1.05**	J	ng/L	0.748	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
2991-50-6	**N-EtFOSAA**	**1.49**	J	ng/L	0.975	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**122**		ng/L	0.218	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**6.29**		ng/L	0.833	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**26.9**		ng/L	0.862	1.81	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**3.05**		ng/L	1.25	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**36.7**		ng/L	7.10	7.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**47.0**		ng/L	1.94	7.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**45.1**		ng/L	0.312	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.473	3.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:47	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:47	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.237	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:47	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.350	3.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:47	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**49.2**		ng/L	0.720	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.663	7.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
919005-14-4	ADONA	ND		ng/L	0.502	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.881	1.84	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.814	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:47	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.73	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.94	23.7	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.97	23.7	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.89	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:47	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*	*25-150*
M3PFBS	*Surrogate: M3PFBS*	*142 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*132 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*147 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*120 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*134 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*140 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*124 %*	*25-150*

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C7PFUNA	*Surrogate: M7PFUdA*	*134 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*125 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*87.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.5 %*			*10-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*90.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.35 %*	PFSu-L		*25-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*39.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*132 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*156 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*68.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*115 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*124 %*			*10-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*184 %*	PFSu-H		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*173 %*	PFSu-H		*25-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*196 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*98.0 %*			*25-200*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*114 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*25-150*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*139 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*132 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*121 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*86.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*143 %*			*25-150*						

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*98.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*168 %*	PFSu-H		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*98.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:18	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:00	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-150*

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:51	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*71.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**22.3**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2.21**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.194**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1.82**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**12.1**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/15/2025 14:30	01/15/2025 19:35	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	**Acetone**	**1.56**	J	ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 19:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 19:05	PD

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 17:48	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*45.3 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.3 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.740**		ug/L	0.500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 19:15	AAK
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:15	AAK

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications:	01/15/2025 08:43 NJDEP-CT005,NELAC-NY10854	01/16/2025 19:53	SS

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*		*36.6-118*						

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**22.6**		ng/L	0.436	1.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**217**		ng/L	0.324	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**165**		ng/L	0.658	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**971**		ng/L	68.0	183	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/18/2025 15:35	01/20/2025 21:45	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**181**		ng/L	0.389	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**5700**		ng/L	82.0	186	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/18/2025 15:35	01/20/2025 21:45	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**25.4**		ng/L	0.482	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.695	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.686	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.639	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.732	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.954	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**238**		ng/L	0.213	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**124**		ng/L	0.843	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.95	7.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**1.96**	J	ng/L	1.90	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**85.2**		ng/L	0.306	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.463	3.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:03	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:03	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.232	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:03	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.343	3.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:03	AM
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**46.7**		ng/L	0.704	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.99	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.649	6.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
919005-14-4	ADONA	ND		ng/L	0.491	7.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.80	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.797	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:03	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.88	4.63	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.79	23.2	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.78	23.2	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.70	18.5	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.70	18.5	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.85	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:03	AM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*110 %*			*25-150*						
M3PFBS	*Surrogate: M3PFBS*	*126 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*94.2 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*97.4 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*99.3 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*134 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*106 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*108 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*96.4 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*124 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*84.8 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*123 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.2 %*			*10-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.0 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*29.0 %*			*25-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.01 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*136 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*134 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*97.2 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*62.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*175 %*	PFSu-H		*10-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*121 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*174 %*	PFSu-H		*25-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*114 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*185 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*132 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.7 %*			*25-200*						

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*101 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*75.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*153 %*	PFSu-H		*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*128 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*98.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*124 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*92.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*152 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*158 %*	PFSu-H		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*104 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 17:48	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 22:16	scb
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 22:16	scb
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 22:16	scb
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 22:16	scb
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 22:16	scb
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 22:16	scb

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00350**		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:59	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*82.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.196**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-39-3	**Barium**	**0.0368**		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-70-2	**Calcium**	**27.4**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**0.00567**		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**7.96**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.630**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2.67**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**18.5**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/15/2025 14:30	01/15/2025 19:35	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW00X **York Sample ID:** 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 16:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 16:00	PD

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:17	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:17	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:17	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
95-48-7	2-Methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:17	SS

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.46	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.09	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.46	10.9	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
78-59-1	Isophorone	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	0.820	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
2312-35-8	* Propargite	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS
110-86-1	Pyridine	ND		ug/L	2.73	5.46	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.3 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
208-96-8	Acenaphthylene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-12-7	Anthracene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1912-24-9	Atrazine	ND	ICVE	ug/L	0.546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005
218-01-9	Chrysene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
206-44-0	Fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM Certifications:	01/14/2025 08:38	01/15/2025 19:45	AAK CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.208**		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0219	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.273	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02, CCVE	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.273	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 15:03	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**59.7**		ng/L	0.437	1.64	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**112**		ng/L	0.325	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**112**		ng/L	0.660	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
								Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**338**		ng/L	0.632	1.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**46.6**		ng/L	0.390	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3970**		ng/L	82.0	186	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/18/2025 15:35	01/20/2025 22:33	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**23.8**		ng/L	0.483	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**6.88**		ng/L	0.697	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**5.00**		ng/L	1.05	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**9.20**		ng/L	0.818	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.688	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.641	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
2355-31-9	**N-MeFOSAA**	**0.822**	J	ng/L	0.734	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
2991-50-6	**N-EtFOSAA**	**1.25**	J	ng/L	0.957	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**121**		ng/L	0.214	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**5.65**		ng/L	0.818	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**24.9**		ng/L	0.846	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**1.72**	J	ng/L	1.23	1.79	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**36.4**		ng/L	6.97	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**44.6**		ng/L	1.90	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**44.0**		ng/L	0.307	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.465	3.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:51	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.99	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:51	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.232	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:51	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.344	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 09:51	AM

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**45.7**		ng/L	0.706	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.00	7.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.650	6.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
919005-14-4	ADONA	ND		ng/L	0.492	7.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.864	1.80	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM
68259-12-1	*** Perfluoro-1-nonanesulfonic acid (PFNS)**	**1.22**	J	ng/L	0.799	1.78	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 09:51	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.89	4.65	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.81	23.2	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.80	23.2	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.71	18.6	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.47	1.86	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.71	18.6	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.86	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 09:51	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
M3PFBS	*Surrogate: M3PFBS*	*125 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*133 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*132 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C6PFDA	*Surrogate: M6PFDA*	*120 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*142 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*91.4 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*119 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.3 %*			*10-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.7 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*36.4 %*			*25-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.15 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*161 %*	PFSu-H		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*125 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*112 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*66.6 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*205 %*	PFSu-H		*10-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*115 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*195 %*	PFSu-H		*25-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*208 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*102 %*			*25-200*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*75.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*101 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*78.4 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*150 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*97.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*132 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*91.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*			*25-150*						

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.4 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*158 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*109 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*156 %*	PFSu-H		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*126 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:17	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:31	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/15/2025 23:47	NF

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*			*30-150*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*			*30-150*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:06	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*81.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**22.3**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**2.23**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7439-96-5	**Manganese**	**0.195**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW00X **York Sample ID:** 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**1.78**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**12.1**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW00X **York Sample ID:** 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/15/2025 14:30	01/15/2025 19:35	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	**Bromodichloromethane**	**0.980**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	**Chloroform**	**7.88**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 14:40	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 14:40	PD

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:47	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:47	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:47	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	6.25	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:47	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
105-60-2	Caprolactam	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	01/15/2025 18:47	SS
86-74-8	Carbazole	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
132-64-9	Dibenzofuran	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
84-66-2	Diethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
131-11-3	Dimethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.25	12.5	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
78-59-1	Isophorone	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
108-95-2	Phenol	ND		ug/L	0.938	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS
2312-35-8	* Propargite	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:47	SS
110-86-1	Pyridine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 18:47	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.0 %*	*30.7-106*

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	ICVE	ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.312	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.312	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	01/14/2025 08:33	01/14/2025 15:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.452	1.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.337	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.683	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.654	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.404	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.789	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.500	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.722	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.847	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.712	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.664	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.760	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.991	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.221	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.847	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.876	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.22	7.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.97	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.318	7.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.481	3.43	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 10:07	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.06	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 10:07	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.241	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 10:07	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.356	3.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 10:07	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.731	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.72	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.11	7.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.33	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.674	7.20	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
919005-14-4	ADONA	ND		ng/L	0.510	7.28	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.895	1.87	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.828	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 10:07	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.95	4.81	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.05	24.1	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.11	24.1	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.84	19.2	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.52	1.92	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.84	19.2	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.73	1.92	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 10:07	AM

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
M3PFBS	*Surrogate: M3PFBS*	*122 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*132 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*112 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*122 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*136 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*114 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.4 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*4.67 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*113 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*84.9 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*107 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*90.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*86.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*91.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.3 %*			*25-150*						

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 18:47	SS

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	scb
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/15/2025 08:40	01/15/2025 22:46	scb

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01 NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044	NF
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/15/2025 08:40	01/16/2025 00:01	NF

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A Certifications:	01/13/2025 08:25	01/14/2025 19:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	GXB

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:13	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*81.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.0819**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.141**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/15/2025 14:30	01/15/2025 19:35	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 15:07	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 15:07	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 15:07	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 15:07	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	01/14/2025 15:07	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	01/14/2025 15:07	PD

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	**Bromodichloromethane**	**1.65**		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	**Chloroform**	**15.8**		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 15:07	PD

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 19:16	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.8 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.4 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:45	AAK
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:45	AAK
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:45	AAK
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	01/15/2025 20:45	AAK
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/14/2025 08:38 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	01/15/2025 20:45	AAK

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**9.55**		ug/L	2.50	5	EPA 8270D SIM	01/14/2025 08:38	01/16/2025 14:37	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND	QL-02, CCVE	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 15:37	SS
							Certifications:	NJDEP-CT005,NELAC-NY10854		

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*		*36.6-118*						

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.448	1.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.677	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.782	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.496	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.706	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.658	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.754	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.983	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.219	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.868	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.315	7.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.477	3.40	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/15/2025 10:21	01/17/2025 02:26	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/15/2025 10:21	01/17/2025 02:26	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.239	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/15/2025 10:21	01/17/2025 02:26	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/15/2025 10:21	01/17/2025 02:26	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.725	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.63	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.668	7.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
919005-14-4	ADONA	ND		ng/L	0.506	7.21	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.887	1.85	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.820	1.83	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/15/2025 10:21	01/17/2025 02:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.77	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.99	23.9	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.03	23.9	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3 Certifications:	01/15/2025 10:21	01/17/2025 02:26	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*	*25-150*

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)*	*117 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*153 %*	PFSu-H		*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*135 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)*	*111 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*88.9 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)*	*3.31 %*	PFSu-L		*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)*	*117 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)*	*82.4 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)*	*109 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*100 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*90.0 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*95.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*94.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSA1	*Surrogate: d9-N-EtFOSE*	*75.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*76.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**1-Hexanol, 2-ethyl isomer R...**	**48.1**	J	ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS
NA	**9-Octadecenal isomer RT15.33**	**22.1**	J	ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS
NA	**Isooctyl mercaptoacetate is...**	**52.3**	J	ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS
NA	**Octyl thioglycolate isomer ...**	**16.9**	J	ug/L			1	EPA 8270D Certifications:	01/14/2025 08:38	01/15/2025 19:16	SS

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Propanoic acid isomer RT21.16**	**14.8**	J	ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
								Certifications:			

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:			
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:20	GXB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)*	*72.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.403**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**0.171**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.769**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0282**		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	01/15/2025 14:30	01/15/2025 19:35	CB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: Trip Blank 1/9/25 **York Sample ID:** 25A0590-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

Sample Information

Client Sample ID: **Trip Blank 1/9/25** **York Sample ID:** **25A0590-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: Trip Blank 1/9/25 **York Sample ID:** 25A0590-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: Trip Blank 1/9/25 **York Sample ID:** 25A0590-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: **Trip Blank 1/9/25** **York Sample ID:** **25A0590-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	01/14/2025 08:00	01/14/2025 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	01/14/2025 08:00	01/14/2025 15:33	PD

Analytical Batch Summary

Batch ID: BA50623 **Preparation Method:** Analysis Preparation **Prepared By:** SHS

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/10/25
25A0590-09	MW002	01/10/25
25A0590-10	MW003	01/10/25
25A0590-11	MW004	01/10/25
25A0590-12	MW00X	01/10/25
25A0590-13	Equipment Blank 1/9/25	01/10/25
25A0590-14	Field Blank 1/9/25	01/10/25
BA50623-BLK1	Blank	01/10/25
BA50623-BS1	LCS	01/10/25
BA50623-DUP1	Duplicate	01/10/25
BA50623-MS1	Matrix Spike	01/10/25
BA50623-MSD1	Matrix Spike Dup	01/10/25

Batch ID: BA50633 **Preparation Method:** EPA 5035A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/11/25
25A0590-02	SB006 (2 IN -24 IN)	01/11/25
25A0590-03	SB006 (6- 8 FT)	01/11/25
25A0590-04	SB007 (0-2IN)	01/11/25
25A0590-05	SB007 (2IN -24IN)	01/11/25
25A0590-06	SB007 (6-8FT)	01/11/25
25A0590-07	UICO11	01/11/25
BA50633-BLK1	Blank	01/11/25
BA50633-BS1	LCS	01/11/25
BA50633-BSD1	LCS Dup	01/11/25

Batch ID: BA50657 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-06	SB007 (6-8FT)	01/13/25
25A0590-07	UICO11	01/13/25
BA50657-BLK1	Blank	01/13/25
BA50657-BS1	LCS	01/13/25

Batch ID: BA50665 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/13/25
25A0590-02	SB006 (2 IN -24 IN)	01/13/25
25A0590-03	SB006 (6- 8 FT)	01/13/25
BA50665-BLK1	Blank	01/13/25
BA50665-SRM1	Reference	01/13/25

Batch ID: BA50675 **Preparation Method:** EPA 8151A **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/13/25
25A0590-09	MW002	01/13/25
25A0590-10	MW003	01/13/25
25A0590-11	MW004	01/13/25
25A0590-12	MW00X	01/13/25
25A0590-13	Equipment Blank 1/9/25	01/13/25
25A0590-14	Field Blank 1/9/25	01/13/25
BA50675-BLK1	Blank	01/13/25
BA50675-BS1	LCS	01/13/25
BA50675-MS1	Matrix Spike	01/13/25
BA50675-MSD1	Matrix Spike Dup	01/13/25

Batch ID: BA50680 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-04	SB007 (0-2IN)	01/13/25
25A0590-05	SB007 (2IN -24IN)	01/13/25

Batch ID: BA50683 **Preparation Method:** % Solids Prep **Prepared By:** SMM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/13/25
25A0590-02	SB006 (2 IN -24 IN)	01/13/25
25A0590-03	SB006 (6- 8 FT)	01/13/25

Batch ID: BA50704 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/13/25
25A0590-09	MW002	01/13/25
25A0590-10	MW003	01/13/25
25A0590-11	MW004	01/13/25
25A0590-12	MW00X	01/13/25
25A0590-13	Equipment Blank 1/9/25	01/13/25
BA50704-BLK1	Blank	01/13/25
BA50704-BLK2	Blank	01/13/25
BA50704-BS1	LCS	01/13/25
BA50704-BS2	LCS	01/13/25
BA50704-MS1	Matrix Spike	01/13/25
BA50704-MSD1	Matrix Spike Dup	01/13/25

Batch ID: BA50727 **Preparation Method:** % Solids Prep **Prepared By:** GJK

YORK Sample ID	Client Sample ID	Preparation Date

25A0590-06	SB007 (6-8FT)	01/13/25
25A0590-07	UICO11	01/13/25

Batch ID: BA50753 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LJM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-04	SB007 (0-2IN)	01/14/25
25A0590-05	SB007 (2IN -24IN)	01/14/25
25A0590-06	SB007 (6-8FT)	01/14/25
25A0590-07	UICO11	01/14/25
BA50753-BLK1	Blank	01/14/25
BA50753-DUP1	Duplicate	01/14/25
BA50753-MS1	Matrix Spike	01/14/25
BA50753-MSD1	Matrix Spike Dup	01/14/25
BA50753-SRM1	Reference	01/14/25

Batch ID: BA50757 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-06	SB007 (6-8FT)	01/14/25
25A0590-06	SB007 (6-8FT)	01/14/25
25A0590-07	UICO11	01/14/25
25A0590-07	UICO11	01/14/25
BA50757-BLK1	Blank	01/14/25
BA50757-BLK1	Blank	01/14/25
BA50757-BS1	LCS	01/14/25
BA50757-MS1	Matrix Spike	01/14/25
BA50757-MSD1	Matrix Spike Dup	01/14/25

Batch ID: BA50758 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/14/25
25A0590-01	SB006 (0-2 IN)	01/14/25
25A0590-02	SB006 (2 IN -24 IN)	01/14/25
25A0590-02	SB006 (2 IN -24 IN)	01/14/25
25A0590-03	SB006 (6- 8 FT)	01/14/25
25A0590-03	SB006 (6- 8 FT)	01/14/25
25A0590-04	SB007 (0-2IN)	01/14/25
25A0590-04	SB007 (0-2IN)	01/14/25
25A0590-05	SB007 (2IN -24IN)	01/14/25
25A0590-05	SB007 (2IN -24IN)	01/14/25
25A0590-06	SB007 (6-8FT)	01/14/25
25A0590-06	SB007 (6-8FT)	01/14/25
25A0590-07	UICO11	01/14/25
25A0590-07	UICO11	01/14/25
BA50758-BLK1	Blank	01/14/25
BA50758-BLK2	Blank	01/14/25
BA50758-BS1	LCS	01/14/25
BA50758-BS2	LCS	01/14/25

BA50758-MS1	Matrix Spike	01/14/25
BA50758-MS2	Matrix Spike	01/14/25
BA50758-MSD1	Matrix Spike Dup	01/14/25
BA50758-MSD2	Matrix Spike Dup	01/14/25

Batch ID: BA50761 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-12	MW00X	01/14/25
25A0590-13	Equipment Blank 1/9/25	01/14/25
25A0590-14	Field Blank 1/9/25	01/14/25
BA50761-BLK1	Blank	01/14/25
BA50761-BS1	LCS	01/14/25

Batch ID: BA50763 **Preparation Method:** EPA 3510C **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/14/25
25A0590-08	MW001	01/14/25
25A0590-09	MW002	01/14/25
25A0590-09	MW002	01/14/25
25A0590-10	MW003	01/14/25
25A0590-10	MW003	01/14/25
25A0590-11	MW004	01/14/25
25A0590-11	MW004	01/14/25
25A0590-12	MW00X	01/14/25
25A0590-12	MW00X	01/14/25
25A0590-13	Equipment Blank 1/9/25	01/14/25
25A0590-13	Equipment Blank 1/9/25	01/14/25
25A0590-14	Field Blank 1/9/25	01/14/25
25A0590-14	Field Blank 1/9/25	01/14/25
25A0590-14RE1	Field Blank 1/9/25	01/14/25
BA50763-BLK1	Blank	01/14/25
BA50763-BLK1	Blank	01/14/25
BA50763-BLK2	Blank	01/14/25
BA50763-BS1	LCS	01/14/25
BA50763-BS2	LCS	01/14/25
BA50763-MS1	Matrix Spike	01/14/25
BA50763-MSD1	Matrix Spike Dup	01/14/25

Batch ID: BA50764 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/14/25
25A0590-02	SB006 (2 IN -24 IN)	01/14/25
25A0590-03	SB006 (6- 8 FT)	01/14/25
25A0590-04	SB007 (0-2IN)	01/14/25
25A0590-05	SB007 (2IN -24IN)	01/14/25
25A0590-06	SB007 (6-8FT)	01/14/25
25A0590-07	UICO11	01/14/25

BA50764-BLK1	Blank	01/14/25
BA50764-BS1	LCS	01/14/25

Batch ID: BA50765 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/14/25
25A0590-02	SB006 (2 IN -24 IN)	01/14/25
25A0590-03	SB006 (6- 8 FT)	01/14/25
25A0590-04	SB007 (0-2IN)	01/14/25
25A0590-05	SB007 (2IN -24IN)	01/14/25
BA50765-BLK1	Blank	01/14/25
BA50765-BS1	LCS	01/14/25

Batch ID: BA50767 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/14/25
25A0590-09	MW002	01/14/25
25A0590-10	MW003	01/14/25
25A0590-11	MW004	01/14/25
25A0590-12	MW00X	01/14/25
25A0590-13	Equipment Blank 1/9/25	01/14/25
25A0590-14	Field Blank 1/9/25	01/14/25
BA50767-BLK1	Blank	01/14/25
BA50767-BS1	LCS	01/14/25
BA50767-DUP1	Duplicate	01/14/25
BA50767-MS1	Matrix Spike	01/14/25

Batch ID: BA50768 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/14/25
25A0590-02	SB006 (2 IN -24 IN)	01/14/25
25A0590-03	SB006 (6- 8 FT)	01/14/25
25A0590-04	SB007 (0-2IN)	01/14/25
25A0590-05	SB007 (2IN -24IN)	01/14/25
25A0590-06	SB007 (6-8FT)	01/14/25
BA50768-BLK1	Blank	01/14/25
BA50768-SRM1	Reference	01/14/25

Batch ID: BA50773 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-12	MW00X	01/14/25
25A0590-13	Equipment Blank 1/9/25	01/14/25
25A0590-14	Field Blank 1/9/25	01/14/25
25A0590-15	Trip Blank 1/9/25	01/14/25
BA50773-BLK1	Blank	01/14/25

BA50773-BS1	LCS	01/14/25

Batch ID: BA50775 **Preparation Method:** EPA 1633 Prep **Prepared By:** JBG

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/14/25
25A0590-02	SB006 (2 IN -24 IN)	01/14/25
25A0590-03	SB006 (6- 8 FT)	01/14/25
25A0590-04	SB007 (0-2IN)	01/14/25
BA50775-BLK1	Blank	01/14/25
BA50775-BS1	LCS	01/14/25
BA50775-BS2	LCS	01/14/25

Batch ID: BA50784 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/14/25
25A0590-09	MW002	01/14/25
25A0590-10	MW003	01/14/25
25A0590-11	MW004	01/14/25
BA50784-BLK1	Blank	01/14/25
BA50784-BS1	LCS	01/14/25
BA50784-MS1	Matrix Spike	01/14/25
BA50784-MSD1	Matrix Spike Dup	01/14/25

Batch ID: BA50799 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/14/25
25A0590-02	SB006 (2 IN -24 IN)	01/14/25
25A0590-03	SB006 (6- 8 FT)	01/14/25
25A0590-04	SB007 (0-2IN)	01/14/25
25A0590-05	SB007 (2IN -24IN)	01/14/25
25A0590-06	SB007 (6-8FT)	01/14/25
25A0590-07	UICO11	01/14/25
BA50799-BLK1	Blank	01/14/25
BA50799-SRM1	Reference	01/14/25

Batch ID: BA50815 **Preparation Method:** EPA 1633 Prep **Prepared By:** SAB

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-14	Field Blank 1/9/25	01/15/25
BA50815-BLK1	Blank	01/15/25
BA50815-BS1	LCS	01/15/25
BA50815-BS2	LCS	01/15/25

Batch ID: BA50822 **Preparation Method:** EPA 3550C **Prepared By:** SAC

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/15/25
25A0590-01	SB006 (0-2 IN)	01/15/25
25A0590-02	SB006 (2 IN -24 IN)	01/15/25
25A0590-02	SB006 (2 IN -24 IN)	01/15/25
25A0590-03	SB006 (6- 8 FT)	01/15/25
25A0590-03	SB006 (6- 8 FT)	01/15/25
25A0590-04	SB007 (0-2IN)	01/15/25
25A0590-04	SB007 (0-2IN)	01/15/25
25A0590-05	SB007 (2IN -24IN)	01/15/25
25A0590-05	SB007 (2IN -24IN)	01/15/25
BA50822-BLK1	Blank	01/15/25
BA50822-BLK1	Blank	01/15/25
BA50822-BS1	LCS	01/15/25

Batch ID: BA50852 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/15/25
25A0590-09	MW002	01/15/25
25A0590-10	MW003	01/15/25
25A0590-11	MW004	01/15/25
25A0590-12	MW00X	01/15/25
25A0590-13	Equipment Blank 1/9/25	01/15/25
25A0590-14	Field Blank 1/9/25	01/15/25
BA50852-BLK1	Blank	01/15/25
BA50852-BS1	LCS	01/15/25
BA50852-DUP1	Duplicate	01/15/25
BA50852-MS1	Matrix Spike	01/15/25
BA50852-PS1	Post Spike	01/15/25

Batch ID: BA50856 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AJC

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/15/25
25A0590-08	MW001	01/15/25
25A0590-09	MW002	01/15/25
25A0590-09	MW002	01/15/25
25A0590-10	MW003	01/15/25
25A0590-10	MW003	01/15/25
25A0590-11	MW004	01/15/25
25A0590-11	MW004	01/15/25
25A0590-12	MW00X	01/15/25
25A0590-12	MW00X	01/15/25
25A0590-13	Equipment Blank 1/9/25	01/15/25
25A0590-13	Equipment Blank 1/9/25	01/15/25
25A0590-14	Field Blank 1/9/25	01/15/25
25A0590-14	Field Blank 1/9/25	01/15/25
BA50856-BLK1	Blank	01/15/25
BA50856-BLK2	Blank	01/15/25
BA50856-BS1	LCS	01/15/25

BA50856-BS2	LCS	01/15/25
BA50856-MS1	Matrix Spike	01/15/25
BA50856-MS2	Matrix Spike	01/15/25
BA50856-MSD1	Matrix Spike Dup	01/15/25
BA50856-MSD2	Matrix Spike Dup	01/15/25

Batch ID: BA50858 **Preparation Method:** EPA 3535A **Prepared By:** NMB2

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/15/25
25A0590-09	MW002	01/15/25
25A0590-10	MW003	01/15/25
25A0590-11	MW004	01/15/25
BA50858-BLK1	Blank	01/15/25
BA50858-BS1	LCS	01/15/25
BA50858-MS1	Matrix Spike	01/15/25
BA50858-MSD1	Matrix Spike Dup	01/15/25

Batch ID: BA50861 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-07	UICO11	01/15/25
BA50861-BLK1	Blank	01/15/25
BA50861-DUP1	Duplicate	01/15/25
BA50861-MS1	Matrix Spike	01/15/25
BA50861-MSD1	Matrix Spike Dup	01/15/25
BA50861-SRM1	Reference	01/15/25

Batch ID: BA50868 **Preparation Method:** EPA SW846-7470A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/15/25
25A0590-09	MW002	01/15/25
25A0590-10	MW003	01/15/25
25A0590-11	MW004	01/15/25
25A0590-12	MW00X	01/15/25
25A0590-13	Equipment Blank 1/9/25	01/15/25
25A0590-14	Field Blank 1/9/25	01/15/25
BA50868-BLK1	Blank	01/15/25
BA50868-BS1	LCS	01/15/25
BA50868-DUP1	Duplicate	01/15/25
BA50868-MS1	Matrix Spike	01/15/25
BA50868-MSD1	Matrix Spike Dup	01/15/25

Batch ID: BA50884 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-03	SB006 (6- 8 FT)	01/15/25
25A0590-04	SB007 (0-2IN)	01/15/25

25A0590-05	SB007 (2IN -24IN)	01/15/25
25A0590-06	SB007 (6-8FT)	01/15/25
25A0590-07	UICO11	01/15/25
BA50884-BLK1	Blank	01/15/25
BA50884-DUP1	Duplicate	01/15/25
BA50884-MS1	Matrix Spike	01/15/25
BA50884-SRM1	Reference	01/15/25

Batch ID: BA50885 **Preparation Method:** EPA 7473 soil **Prepared By:** DRS

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-01	SB006 (0-2 IN)	01/15/25
25A0590-02	SB006 (2 IN -24 IN)	01/15/25
BA50885-BLK1	Blank	01/15/25
BA50885-SRM1	Reference	01/15/25

Batch ID: BA50887 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-08	MW001	01/15/25
25A0590-09	MW002	01/15/25
25A0590-10	MW003	01/15/25
25A0590-11	MW004	01/15/25
25A0590-12	MW00X	01/15/25
25A0590-13	Equipment Blank 1/9/25	01/15/25
25A0590-14	Field Blank 1/9/25	01/15/25
BA50887-BLK1	Blank	01/15/25
BA50887-BS1	LCS	01/15/25
BA50887-DUP1	Duplicate	01/15/25
BA50887-MS1	Matrix Spike	01/15/25
BA50887-MSD1	Matrix Spike Dup	01/15/25

Batch ID: BA50941 **Preparation Method:** EPA 1633 Prep **Prepared By:** JLH

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-05	SB007 (2IN -24IN)	01/16/25
25A0590-06	SB007 (6-8FT)	01/16/25
25A0590-07	UICO11	01/16/25
BA50941-BLK1	Blank	01/16/25
BA50941-BS1	LCS	01/16/25
BA50941-BS2	LCS	01/16/25
BA50941-DUP1	Duplicate	01/16/25

Batch ID: BA51086 **Preparation Method:** EPA 1633 Prep **Prepared By:** MPR

YORK Sample ID	Client Sample ID	Preparation Date
25A0590-10RE1	MW003	01/18/25
25A0590-11RE1	MW004	01/18/25
25A0590-12RE1	MW00X	01/18/25

BA51086-BLK1	Blank	01/18/25
BA51086-BLK2	Blank	01/18/25
BA51086-BS1	LCS	01/18/25
BA51086-BS2	LCS	01/18/25
BA51086-MS1	Matrix Spike	01/18/25
BA51086-MSD1	Matrix Spike Dup	01/18/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50633 - EPA 5035A											
Blank (BA50633-BLK1)											Prepared & Analyzed: 01/11/2025
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.0065	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50633 - EPA 5035A											
Blank (BA50633-BLK1)								Prepared & Analyzed: 01/11/2025			
Methylcyclohexane	ND	0.0050	mg/kg wet								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.8*		*ug/L*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.3*		*"*	*50.0*		*107*	*76-130*				
LCS (BA50633-BS1)								Prepared & Analyzed: 01/11/2025			
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	48.0		"	50.0		96.0	71-137				
1,1,2,2-Tetrachloroethane	60.6		"	50.0		121	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.1		"	50.0		82.2	58-146				
1,1,2-Trichloroethane	54.1		"	50.0		108	83-123				
1,1-Dichloroethane	49.7		"	50.0		99.4	75-130				
1,1-Dichloroethylene	51.7		"	50.0		103	64-137				
1,2,3-Trichlorobenzene	47.6		"	50.0		95.3	81-140				
1,2,3-Trichloropropane	56.9		"	50.0		114	81-126				
1,2,4-Trichlorobenzene	47.3		"	50.0		94.6	80-141				
1,2,4-Trimethylbenzene	50.7		"	50.0		101	84-125				
1,2-Dibromo-3-chloropropane	48.6		"	50.0		97.2	74-142				
1,2-Dibromoethane	54.3		"	50.0		109	86-123				
1,2-Dichlorobenzene	48.4		"	50.0		96.9	85-122				
1,2-Dichloroethane	56.3		"	50.0		113	71-133				
1,2-Dichloropropane	53.0		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	49.4		"	50.0		98.9	82-126				
1,3-Dichlorobenzene	47.8		"	50.0		95.7	84-124				
1,4-Dichlorobenzene	47.0		"	50.0		94.1	84-124				
1,4-Dioxane	858		"	1050		81.7	10-228				
2-Butanone	49.9		"	50.0		99.8	58-147				
2-Hexanone	55.1		"	50.0		110	70-139				
4-Methyl-2-pentanone	59.5		"	50.0		119	72-132				
Acetone	126		"	50.0		252	36-155	High Bias			
Acrolein	37.2		"	50.0		74.4	10-238				
Acrylonitrile	52.5		"	50.0		105	66-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50633 - EPA 5035A											
LCS (BA50633-BS1)							Prepared & Analyzed: 01/11/2025				
Benzene	50.7		ug/L	50.0		101	77-127				
Bromochloromethane	54.3		"	50.0		109	74-129				
Bromodichloromethane	54.3		"	50.0		109	81-124				
Bromoform	52.3		"	50.0		105	80-136				
Bromomethane	45.7		"	50.0		91.4	32-177				
Carbon disulfide	51.0		"	50.0		102	10-136				
Carbon tetrachloride	48.0		"	50.0		96.0	66-143				
Chlorobenzene	49.2		"	50.0		98.4	86-120				
Chloroethane	45.8		"	50.0		91.5	51-142				
Chloroform	49.9		"	50.0		99.9	76-131				
Chloromethane	35.6		"	50.0		71.1	49-132				
cis-1,2-Dichloroethylene	51.6		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	52.5		"	50.0		105	81-129				
Cyclohexane	47.9		"	50.0		95.8	70-130				
Dibromochloromethane	51.8		"	50.0		104	10-200				
Dibromomethane	51.5		"	50.0		103	83-124				
Dichlorodifluoromethane	19.9		"	50.0		39.8	28-158				
Ethyl Benzene	50.9		"	50.0		102	84-125				
Hexachlorobutadiene	36.4		"	50.0		72.8	83-133	Low Bias			
Isopropylbenzene	50.4		"	50.0		101	81-127				
Methyl acetate	50.2		"	50.0		100	41-143				
Methyl tert-butyl ether (MTBE)	55.2		"	50.0		110	74-131				
Methylcyclohexane	40.2		"	50.0		80.5	70-130				
Methylene chloride	50.6		"	50.0		101	57-141				
n-Butylbenzene	44.7		"	50.0		89.3	80-130				
n-Propylbenzene	50.1		"	50.0		100	74-136				
o-Xylene	50.3		"	50.0		101	83-123				
p- & m- Xylenes	100		"	100		100	82-128				
p-Isopropyltoluene	46.3		"	50.0		92.6	85-125				
sec-Butylbenzene	45.5		"	50.0		91.0	83-125				
Styrene	51.7		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	232		"	250		92.9	70-130				
tert-Butylbenzene	41.5		"	50.0		82.9	80-127				
Tetrachloroethylene	40.5		"	50.0		81.0	80-129				
Toluene	49.4		"	50.0		98.9	85-121				
trans-1,2-Dichloroethylene	50.3		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	55.6		"	50.0		111	78-132				
Trichloroethylene	48.3		"	50.0		96.7	84-123				
Trichlorofluoromethane	41.1		"	50.0		82.2	62-140				
Vinyl Chloride	39.6		"	50.0		79.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.9*		*"*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.5*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50633 - EPA 5035A											
LCS Dup (BA50633-BSD1)								Prepared & Analyzed: 01/11/2025			
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	75-129		1.16	30	
1,1,1-Trichloroethane	49.1		"	50.0		98.1	71-137		2.23	30	
1,1,2,2-Tetrachloroethane	61.7		"	50.0		123	79-129		1.86	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.3		"	50.0		90.7	58-146		9.81	30	
1,1,2-Trichloroethane	55.1		"	50.0		110	83-123		1.87	30	
1,1-Dichloroethane	50.9		"	50.0		102	75-130		2.37	30	
1,1-Dichloroethylene	53.9		"	50.0		108	64-137		4.09	30	
1,2,3-Trichlorobenzene	50.9		"	50.0		102	81-140		6.52	30	
1,2,3-Trichloropropane	58.6		"	50.0		117	81-126		2.93	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		6.58	30	
1,2,4-Trimethylbenzene	52.9		"	50.0		106	84-125		4.25	30	
1,2-Dibromo-3-chloropropane	50.2		"	50.0		100	74-142		3.12	30	
1,2-Dibromoethane	55.5		"	50.0		111	86-123		2.11	30	
1,2-Dichlorobenzene	50.0		"	50.0		100	85-122		3.25	30	
1,2-Dichloroethane	57.5		"	50.0		115	71-133		2.09	30	
1,2-Dichloropropane	53.1		"	50.0		106	81-122		0.208	30	
1,3,5-Trimethylbenzene	52.4		"	50.0		105	82-126		5.74	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124		3.01	30	
1,4-Dichlorobenzene	48.7		"	50.0		97.4	84-124		3.41	30	
1,4-Dioxane	909		"	1050		86.6	10-228		5.74	30	
2-Butanone	53.2		"	50.0		106	58-147		6.38	30	
2-Hexanone	57.2		"	50.0		114	70-139		3.63	30	
4-Methyl-2-pentanone	61.7		"	50.0		123	72-132		3.61	30	
Acetone	133		"	50.0		266	36-155	High Bias	5.48	30	
Acrolein	39.7		"	50.0		79.4	10-238		6.56	30	
Acrylonitrile	55.9		"	50.0		112	66-141		6.29	30	
Benzene	51.9		"	50.0		104	77-127		2.34	30	
Bromochloromethane	55.2		"	50.0		110	74-129		1.61	30	
Bromodichloromethane	54.6		"	50.0		109	81-124		0.532	30	
Bromoform	53.5		"	50.0		107	80-136		2.34	30	
Bromomethane	47.8		"	50.0		95.6	32-177		4.51	30	
Carbon disulfide	51.1		"	50.0		102	10-136		0.353	30	
Carbon tetrachloride	49.9		"	50.0		99.7	66-143		3.82	30	
Chlorobenzene	49.9		"	50.0		99.7	86-120		1.39	30	
Chloroethane	46.5		"	50.0		93.0	51-142		1.63	30	
Chloroform	50.9		"	50.0		102	76-131		2.00	30	
Chloromethane	36.5		"	50.0		73.0	49-132		2.58	30	
cis-1,2-Dichloroethylene	52.6		"	50.0		105	74-132		1.94	30	
cis-1,3-Dichloropropylene	52.7		"	50.0		105	81-129		0.475	30	
Cyclohexane	52.3		"	50.0		105	70-130		8.80	30	
Dibromochloromethane	52.9		"	50.0		106	10-200		2.10	30	
Dibromomethane	51.9		"	50.0		104	83-124		0.812	30	
Dichlorodifluoromethane	24.2		"	50.0		48.4	28-158		19.3	30	
Ethyl Benzene	52.0		"	50.0		104	84-125		2.08	30	
Hexachlorobutadiene	38.9		"	50.0		77.8	83-133	Low Bias	6.75	30	
Isopropylbenzene	52.8		"	50.0		106	81-127		4.84	30	
Methyl acetate	52.2		"	50.0		104	41-143		3.99	30	
Methyl tert-butyl ether (MTBE)	56.9		"	50.0		114	74-131		3.09	30	
Methylcyclohexane	45.6		"	50.0		91.2	70-130		12.5	30	
Methylene chloride	51.2		"	50.0		102	57-141		1.08	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50633 - EPA 5035A											
LCS Dup (BA50633-BSD1)								Prepared & Analyzed: 01/11/2025			
n-Butylbenzene	49.0		ug/L	50.0		98.1	80-130		9.35	30	
n-Propylbenzene	53.0		"	50.0		106	74-136		5.57	30	
o-Xylene	51.3		"	50.0		103	83-123		2.03	30	
p- & m- Xylenes	102		"	100		102	82-128		1.80	30	
p-Isopropyltoluene	50.3		"	50.0		101	85-125		8.29	30	
sec-Butylbenzene	49.6		"	50.0		99.3	83-125		8.70	30	
Styrene	53.0		"	50.0		106	86-126		2.39	30	
tert-Butyl alcohol (TBA)	251		"	250		100	70-130		7.55	30	
tert-Butylbenzene	44.9		"	50.0		89.8	80-127		8.01	30	
Tetrachloroethylene	41.4		"	50.0		82.8	80-129		2.25	30	
Toluene	49.9		"	50.0		99.9	85-121		0.966	30	
trans-1,2-Dichloroethylene	51.7		"	50.0		103	72-132		2.73	30	
trans-1,3-Dichloropropylene	56.5		"	50.0		113	78-132		1.59	30	
Trichloroethylene	49.1		"	50.0		98.3	84-123		1.62	30	
Trichlorofluoromethane	45.3		"	50.0		90.7	62-140		9.81	30	
Vinyl Chloride	41.6		"	50.0		83.3	52-130		4.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*55.2*		*"*	*50.0*		*110*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*"*	*50.0*		*109*	*76-130*				
Batch BA50773 - EPA 5030B											
Blank (BA50773-BLK1)								Prepared & Analyzed: 01/14/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.250	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50773 - EPA 5030B											
Blank (BA50773-BLK1)											
Prepared & Analyzed: 01/14/2025											
Benzene	ND	0.500	ug/L								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	0.400	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	0.240	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		"	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		"	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50773 - EPA 5030B											
LCS (BA50773-BS1)								Prepared & Analyzed: 01/14/2025			
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82-126				
1,1,1-Trichloroethane	9.74		"	10.0		97.4	78-136				
1,1,2,2-Tetrachloroethane	11.9		"	10.0		119	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.64		"	10.0		86.4	54-165				
1,1,2-Trichloroethane	11.0		"	10.0		110	82-123				
1,1-Dichloroethane	9.73		"	10.0		97.3	82-129				
1,1-Dichloroethylene	9.09		"	10.0		90.9	68-138				
1,2,3-Trichlorobenzene	9.28		"	10.0		92.8	76-136				
1,2,3-Trichloropropane	11.6		"	10.0		116	77-128				
1,2,4-Trichlorobenzene	10.0		"	10.0		100	76-137				
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147				
1,2-Dibromoethane	11.0		"	10.0		110	83-124				
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123				
1,2-Dichloroethane	10.0		"	10.0		100	73-132				
1,2-Dichloropropane	10.9		"	10.0		109	78-126				
1,3,5-Trimethylbenzene	11.3		"	10.0		113	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,3-Dichloropropane	11.0		"	10.0		110	81-125				
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124				
1,4-Dioxane	227		"	210		108	10-349				
2-Butanone	8.95		"	10.0		89.5	49-152				
2-Hexanone	8.69		"	10.0		86.9	51-146				
4-Methyl-2-pentanone	10.5		"	10.0		105	57-145				
Acetone	15.9		"	10.0		159	14-150	High Bias			
Acrolein	9.03		"	10.0		90.3	10-153				
Acrylonitrile	11.0		"	10.0		110	51-150				
Benzene	10.3		"	10.0		103	85-126				
Bromochloromethane	9.89		"	10.0		98.9	77-128				
Bromodichloromethane	11.1		"	10.0		111	79-128				
Bromoform	9.96		"	10.0		99.6	78-133				
Bromomethane	6.06		"	10.0		60.6	43-168				
Carbon disulfide	8.50		"	10.0		85.0	68-146				
Carbon tetrachloride	9.95		"	10.0		99.5	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroethane	7.41		"	10.0		74.1	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	3.95		"	10.0		39.5	43-155	Low Bias			
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	80-131				
Cyclohexane	9.08		"	10.0		90.8	63-149				
Dibromochloromethane	11.1		"	10.0		111	80-130				
Dibromomethane	10.6		"	10.0		106	72-134				
Dichlorodifluoromethane	1.14		"	10.0		11.4	44-144	Low Bias			
Ethyl Benzene	11.5		"	10.0		115	80-131				
Hexachlorobutadiene	9.14		"	10.0		91.4	67-146				
Isopropylbenzene	11.7		"	10.0		117	76-140				
Methyl acetate	9.67		"	10.0		96.7	51-139				
Methyl tert-butyl ether (MTBE)	9.92		"	10.0		99.2	76-135				
Methylcyclohexane	9.49		"	10.0		94.9	72-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50773 - EPA 5030B											
LCS (BA50773-BS1)								Prepared & Analyzed: 01/14/2025			
Methylene chloride	9.45		ug/L	10.0		94.5	55-137				
Naphthalene	10.2		"	10.0		102	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	11.4		"	10.0		114	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	22.5		"	20.0		112	77-133				
p-Diethylbenzene	10.1		"	10.0		101	84-134				
p-Ethyltoluene	11.3		"	10.0		113	88-129				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
Styrene	11.4		"	10.0		114	67-132				
tert-Butyl alcohol (TBA)	55.9		"	50.0		112	25-162				
tert-Butylbenzene	11.0		"	10.0		110	77-138				
Tetrachloroethylene	6.74		"	10.0		67.4	82-131	Low Bias			
Toluene	11.1		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	80-132				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	78-131				
Trichloroethylene	10.7		"	10.0		107	82-128				
Trichlorofluoromethane	7.23		"	10.0		72.3	67-139				
Vinyl Chloride	5.03		"	10.0		50.3	58-145	Low Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BA50784 - EPA 5030B											
Blank (BA50784-BLK1)								Prepared & Analyzed: 01/14/2025			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
Tentatively Identified Compounds	0.0		"								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	0.260	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50784 - EPA 5030B											
Blank (BA50784-BLK1)											
4-Methyl-2-pentanone	ND	0.500	ug/L								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	0.250	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.78*		*"*	*10.0*		*97.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*79-122*				

Prepared & Analyzed: 01/14/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50784 - EPA 5030B											
LCS (BA50784-BS1)								Prepared & Analyzed: 01/14/2025			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	12.4		"	10.0		124	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.5		"	10.0		135	54-165				
1,1,2-Trichloroethane	11.3		"	10.0		113	82-123				
1,1-Dichloroethane	11.2		"	10.0		112	82-129				
1,1-Dichloroethylene	12.2		"	10.0		122	68-138				
1,2,3-Trichlorobenzene	12.6		"	10.0		126	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	12.1		"	10.0		121	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147				
1,2-Dibromoethane	11.9		"	10.0		119	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	11.4		"	10.0		114	73-132				
1,2-Dichloropropane	10.2		"	10.0		102	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,3-Dichloropropane	10.8		"	10.0		108	81-125				
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124				
1,4-Dioxane	224		"	210		107	10-349				
2-Butanone	10.6		"	10.0		106	49-152				
2-Hexanone	8.59		"	10.0		85.9	51-146				
4-Methyl-2-pentanone	10.1		"	10.0		101	57-145				
Acetone	18.0		"	10.0		180	14-150	High Bias			
Acrolein	6.11		"	10.0		61.1	10-153				
Acrylonitrile	11.6		"	10.0		116	51-150				
Benzene	12.2		"	10.0		122	85-126				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	11.5		"	10.0		115	79-128				
Bromoform	13.2		"	10.0		132	78-133				
Bromomethane	9.05		"	10.0		90.5	43-168				
Carbon disulfide	13.2		"	10.0		132	68-146				
Carbon tetrachloride	12.4		"	10.0		124	77-141				
Chlorobenzene	11.3		"	10.0		113	88-120				
Chloroethane	9.56		"	10.0		95.6	65-136				
Chloroform	11.7		"	10.0		117	82-128				
Chloromethane	6.98		"	10.0		69.8	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Cyclohexane	12.1		"	10.0		121	63-149				
Dibromochloromethane	12.0		"	10.0		120	80-130				
Dibromomethane	10.9		"	10.0		109	72-134				
Dichlorodifluoromethane	8.31		"	10.0		83.1	44-144				
Ethyl Benzene	11.7		"	10.0		117	80-131				
Hexachlorobutadiene	12.6		"	10.0		126	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl acetate	9.50		"	10.0		95.0	51-139				
Methyl tert-butyl ether (MTBE)	12.3		"	10.0		123	76-135				
Methylcyclohexane	11.4		"	10.0		114	72-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50784 - EPA 5030B											
LCS (BA50784-BS1)								Prepared & Analyzed: 01/14/2025			
Methylene chloride	10.1		ug/L	10.0		101	55-137				
Naphthalene	12.1		"	10.0		121	70-147				
n-Butylbenzene	10.2		"	10.0		102	79-132				
n-Propylbenzene	10.6		"	10.0		106	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	19.8		"	20.0		99.2	77-133				
p-Diethylbenzene	10.2		"	10.0		102	84-134				
p-Ethyltoluene	10.9		"	10.0		109	88-129				
p-Isopropyltoluene	11.6		"	10.0		116	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	12.0		"	10.0		120	67-132				
tert-Butyl alcohol (TBA)	55.6		"	50.0		111	25-162				
tert-Butylbenzene	10.5		"	10.0		105	77-138				
Tetrachloroethylene	6.84		"	10.0		68.4	82-131	Low Bias			
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131				
Trichloroethylene	10.7		"	10.0		107	82-128				
Trichlorofluoromethane	11.8		"	10.0		118	67-139				
Vinyl Chloride	8.73		"	10.0		87.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.83*		*"*	*10.0*		*88.3*	*79-122*				
Matrix Spike (BA50784-MS1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/14/2025			
1,1,1,2-Tetrachloroethane	12.1		ug/L	10.0	0.00	121	45-161				
1,1,1-Trichloroethane	14.6		"	10.0	0.00	146	70-146				
1,1,2,2-Tetrachloroethane	13.4		"	10.0	0.00	134	74-121	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0	0.00	115	21-217				
1,1,2-Trichloroethane	14.1		"	10.0	0.00	141	59-146				
1,1-Dichloroethane	13.5		"	10.0	0.00	135	54-146				
1,1-Dichloroethylene	14.1		"	10.0	0.00	141	44-165				
1,2,3-Trichlorobenzene	11.4		"	10.0	0.00	114	40-161				
1,2,3-Trichloropropane	13.2		"	10.0	0.00	132	74-127	High Bias			
1,2,4-Trichlorobenzene	10.2		"	10.0	0.00	102	41-161				
1,2,4-Trimethylbenzene	11.1		"	10.0	0.00	111	72-129				
1,2-Dibromo-3-chloropropane	12.5		"	10.0	0.00	125	31-151				
1,2-Dibromoethane	14.3		"	10.0	0.00	143	75-125	High Bias			
1,2-Dichlorobenzene	11.4		"	10.0	0.00	114	63-122				
1,2-Dichloroethane	13.8		"	10.0	0.00	138	68-131	High Bias			
1,2-Dichloropropane	12.5		"	10.0	0.00	125	77-121	High Bias			
1,3,5-Trimethylbenzene	11.2		"	10.0	0.00	112	69-126				
1,3-Dichlorobenzene	10.9		"	10.0	0.00	109	74-119				
1,3-Dichloropropane	13.3		"	10.0	0.00	133	77-119	High Bias			
1,4-Dichlorobenzene	10.6		"	10.0	0.00	106	70-124				
1,4-Dioxane	276		"	210	0.00	132	10-310				
2-Butanone	13.0		"	10.0	0.00	130	10-193				
2-Hexanone	11.1		"	10.0	0.00	111	53-133				
4-Methyl-2-pentanone	13.2		"	10.0	0.00	132	38-150				
Acetone	23.3		"	10.0	1.56	217	13-149	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50784 - EPA 5030B											
Matrix Spike (BA50784-MS1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/14/2025			
Acrolein	6.81		ug/L	10.0	0.00	68.1	10-195				
Acrylonitrile	14.3		"	10.0	0.00	143	37-165				
Benzene	14.6		"	10.0	0.00	146	38-155				
Bromochloromethane	13.3		"	10.0	0.00	133	75-121	High Bias			
Bromodichloromethane	13.9		"	10.0	0.00	139	70-129	High Bias			
Bromoform	14.7		"	10.0	0.00	147	66-136	High Bias			
Bromomethane	4.84		"	10.0	0.00	48.4	30-158				
Carbon disulfide	14.6		"	10.0	0.00	146	10-138	High Bias			
Carbon tetrachloride	13.8		"	10.0	0.00	138	71-146				
Chlorobenzene	12.8		"	10.0	0.00	128	81-117	High Bias			
Chloroethane	11.8		"	10.0	0.00	118	51-145				
Chloroform	14.0		"	10.0	0.00	140	80-124	High Bias			
Chloromethane	8.12		"	10.0	0.00	81.2	16-163				
cis-1,2-Dichloroethylene	13.4		"	10.0	0.00	134	76-125	High Bias			
cis-1,3-Dichloropropylene	12.2		"	10.0	0.00	122	58-131				
Cyclohexane	12.6		"	10.0	0.00	126	70-130				
Dibromochloromethane	14.0		"	10.0	0.00	140	71-129	High Bias			
Dibromomethane	13.4		"	10.0	0.00	134	76-120	High Bias			
Dichlorodifluoromethane	7.69		"	10.0	0.00	76.9	30-147				
Ethyl Benzene	13.3		"	10.0	0.00	133	72-128	High Bias			
Hexachlorobutadiene	10.3		"	10.0	0.00	103	34-166				
Isopropylbenzene	12.0		"	10.0	0.00	120	66-139				
Methyl acetate	11.3		"	10.0	0.00	113	10-200				
Methyl tert-butyl ether (MTBE)	14.2		"	10.0	0.00	142	75-128	High Bias			
Methylcyclohexane	10.1		"	10.0	0.00	101	70-130				
Methylene chloride	11.9		"	10.0	0.00	119	57-128				
Naphthalene	12.5		"	10.0	0.00	125	39-158				
n-Butylbenzene	8.75		"	10.0	0.00	87.5	61-138				
n-Propylbenzene	11.0		"	10.0	0.00	110	66-134				
o-Xylene	12.8		"	10.0	0.00	128	69-126	High Bias			
p- & m- Xylenes	22.2		"	20.0	0.00	111	67-130				
p-Diethylbenzene	8.90		"	10.0	0.00	89.0	52-150				
p-Ethyltoluene	11.0		"	10.0	0.00	110	76-127				
p-Isopropyltoluene	11.0		"	10.0	0.00	110	64-137				
sec-Butylbenzene	10.9		"	10.0	0.00	109	53-155				
Styrene	13.5		"	10.0	0.00	135	69-125	High Bias			
tert-Butyl alcohol (TBA)	64.2		"	50.0	0.00	128	10-130				
tert-Butylbenzene	11.5		"	10.0	0.00	115	65-139				
Tetrachloroethylene	6.55		"	10.0	0.00	65.5	64-139				
Toluene	13.4		"	10.0	0.00	134	76-123	High Bias			
trans-1,2-Dichloroethylene	13.3		"	10.0	0.00	133	79-131	High Bias			
trans-1,3-Dichloropropylene	12.2		"	10.0	0.00	122	55-130				
Trichloroethylene	12.3		"	10.0	0.00	123	53-145				
Trichlorofluoromethane	12.7		"	10.0	0.00	127	61-142				
Vinyl Chloride	10.4		"	10.0	0.00	104	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.03*		*"*	*10.0*		*90.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50784 - EPA 5030B											
Matrix Spike Dup (BA50784-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared & Analyzed: 01/14/2025		
1,1,1,2-Tetrachloroethane	12.3		ug/L	10.0	0.00	123	45-161		1.72	30	
1,1,1-Trichloroethane	15.4		"	10.0	0.00	154	70-146	High Bias	4.94	30	
1,1,2,2-Tetrachloroethane	13.1		"	10.0	0.00	131	74-121	High Bias	2.71	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0	0.00	127	21-217		9.69	30	
1,1,2-Trichloroethane	13.9		"	10.0	0.00	139	59-146		1.22	30	
1,1-Dichloroethane	14.0		"	10.0	0.00	140	54-146		3.79	30	
1,1-Dichloroethylene	14.8		"	10.0	0.00	148	44-165		5.05	30	
1,2,3-Trichlorobenzene	12.2		"	10.0	0.00	122	40-161		6.70	30	
1,2,3-Trichloropropane	12.8		"	10.0	0.00	128	74-127	High Bias	2.69	30	
1,2,4-Trichlorobenzene	10.9		"	10.0	0.00	109	41-161		6.46	30	
1,2,4-Trimethylbenzene	11.4		"	10.0	0.00	114	72-129		3.02	30	
1,2-Dibromo-3-chloropropane	12.5		"	10.0	0.00	125	31-151		0.160	30	
1,2-Dibromoethane	14.1		"	10.0	0.00	141	75-125	High Bias	1.33	30	
1,2-Dichlorobenzene	11.6		"	10.0	0.00	116	63-122		1.91	30	
1,2-Dichloroethane	13.8		"	10.0	0.00	138	68-131	High Bias	0.0726	30	
1,2-Dichloropropane	12.8		"	10.0	0.00	128	77-121	High Bias	2.53	30	
1,3,5-Trimethylbenzene	11.4		"	10.0	0.00	114	69-126		2.57	30	
1,3-Dichlorobenzene	11.3		"	10.0	0.00	113	74-119		3.33	30	
1,3-Dichloropropane	13.2		"	10.0	0.00	132	77-119	High Bias	1.21	30	
1,4-Dichlorobenzene	11.0		"	10.0	0.00	110	70-124		3.05	30	
1,4-Dioxane	266		"	210	0.00	126	10-310		4.03	30	
2-Butanone	12.5		"	10.0	0.00	125	10-193		3.85	30	
2-Hexanone	10.6		"	10.0	0.00	106	53-133		4.32	30	
4-Methyl-2-pentanone	12.6		"	10.0	0.00	126	38-150		4.42	30	
Acetone	22.2		"	10.0	1.56	207	13-149	High Bias	4.61	30	
Acrolein	6.58		"	10.0	0.00	65.8	10-195		3.44	30	
Acrylonitrile	13.6		"	10.0	0.00	136	37-165		5.32	30	
Benzene	15.2		"	10.0	0.00	152	38-155		3.42	30	
Bromochloromethane	13.2		"	10.0	0.00	132	75-121	High Bias	0.904	30	
Bromodichloromethane	14.1		"	10.0	0.00	141	70-129	High Bias	1.50	30	
Bromoform	14.5		"	10.0	0.00	145	66-136	High Bias	1.58	30	
Bromomethane	6.93		"	10.0	0.00	69.3	30-158		35.5	30	Non-dir.
Carbon disulfide	15.2		"	10.0	0.00	152	10-138	High Bias	4.50	30	
Carbon tetrachloride	14.5		"	10.0	0.00	145	71-146		4.73	30	
Chlorobenzene	13.1		"	10.0	0.00	131	81-117	High Bias	2.24	30	
Chloroethane	12.3		"	10.0	0.00	123	51-145		3.91	30	
Chloroform	14.4		"	10.0	0.00	144	80-124	High Bias	2.39	30	
Chloromethane	8.57		"	10.0	0.00	85.7	16-163		5.39	30	
cis-1,2-Dichloroethylene	13.8		"	10.0	0.00	138	76-125	High Bias	3.17	30	
cis-1,3-Dichloropropylene	12.4		"	10.0	0.00	124	58-131		1.63	30	
Cyclohexane	13.0		"	10.0	0.00	130	70-130		3.04	30	
Dibromochloromethane	13.9		"	10.0	0.00	139	71-129	High Bias	0.502	30	
Dibromomethane	13.3		"	10.0	0.00	133	76-120	High Bias	1.27	30	
Dichlorodifluoromethane	8.29		"	10.0	0.00	82.9	30-147		7.51	30	
Ethyl Benzene	13.7		"	10.0	0.00	137	72-128	High Bias	2.96	30	
Hexachlorobutadiene	11.4		"	10.0	0.00	114	34-166		9.80	30	
Isopropylbenzene	12.3		"	10.0	0.00	123	66-139		2.88	30	
Methyl acetate	10.8		"	10.0	0.00	108	10-200		4.79	30	
Methyl tert-butyl ether (MTBE)	14.4		"	10.0	0.00	144	75-128	High Bias	1.61	30	
Methylcyclohexane	10.7		"	10.0	0.00	107	70-130		5.96	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50784 - EPA 5030B											
Matrix Spike Dup (BA50784-MSD1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/14/2025			
Methylene chloride	12.1		ug/L	10.0	0.00	121	57-128		1.83	30	
Naphthalene	13.1		"	10.0	0.00	131	39-158		4.68	30	
n-Butylbenzene	9.37		"	10.0	0.00	93.7	61-138		6.84	30	
n-Propylbenzene	11.3		"	10.0	0.00	113	66-134		3.32	30	
o-Xylene	13.1		"	10.0	0.00	131	69-126	High Bias	2.24	30	
p- & m- Xylenes	22.9		"	20.0	0.00	114	67-130		3.15	30	
p-Diethylbenzene	9.46		"	10.0	0.00	94.6	52-150		6.10	30	
p-Ethyltoluene	11.4		"	10.0	0.00	114	76-127		3.56	30	
p-Isopropyltoluene	11.4		"	10.0	0.00	114	64-137		3.74	30	
sec-Butylbenzene	11.2		"	10.0	0.00	112	53-155		2.17	30	
Styrene	13.8		"	10.0	0.00	138	69-125	High Bias	2.20	30	
tert-Butyl alcohol (TBA)	64.6		"	50.0	0.00	129	10-130		0.683	30	
tert-Butylbenzene	11.8		"	10.0	0.00	118	65-139		2.15	30	
Tetrachloroethylene	6.95		"	10.0	0.00	69.5	64-139		5.93	30	
Toluene	13.8		"	10.0	0.00	138	76-123	High Bias	3.38	30	
trans-1,2-Dichloroethylene	13.9		"	10.0	0.00	139	79-131	High Bias	4.35	30	
trans-1,3-Dichloropropylene	12.3		"	10.0	0.00	123	55-130		0.815	30	
Trichloroethylene	12.9		"	10.0	0.00	129	53-145		4.36	30	
Trichlorofluoromethane	13.0		"	10.0	0.00	130	61-142		2.73	30	
Vinyl Chloride	10.9		"	10.0	0.00	109	31-165		4.80	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.75*		*"*	*10.0*		*97.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.06*		*"*	*10.0*		*90.6*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Blank (BA50757-BLK1)											Prepared & Analyzed: 01/14/2025
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Blank (BA50757-BLK1)											Prepared & Analyzed: 01/14/2025
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.66*		*69.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.589*		"	*0.831*		*70.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.534*		"	*0.831*		*64.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		"	*1.66*		*92.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.563*		"	*0.831*		*67.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
LCS (BA50757-BS1)							Prepared & Analyzed: 01/14/2025				
1,1-Biphenyl	0.373	0.0416	mg/kg wet	0.831		45.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.420	0.0830	"	0.831		50.6	21-131				
1,2,4-Trichlorobenzene	0.420	0.0416	"	0.831		50.6	10-140				
1,2-Dichlorobenzene	0.371	0.0416	"	0.831		44.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.373	0.0416	"	0.831		45.0	17-137				
1,3-Dichlorobenzene	0.369	0.0416	"	0.831		44.4	33-110				
1,4-Dichlorobenzene	0.366	0.0416	"	0.831		44.0	32-104				
2,3,4,6-Tetrachlorophenol	0.465	0.0830	"	0.831		56.0	30-130				
2,4,5-Trichlorophenol	0.449	0.0416	"	0.831		54.1	27-118				
2,4,6-Trichlorophenol	0.443	0.0416	"	0.831		53.4	31-120				
2,4-Dichlorophenol	0.472	0.0416	"	0.831		56.9	20-127				
2,4-Dimethylphenol	0.489	0.0416	"	0.831		58.9	14-132				
2,4-Dinitrophenol	0.108	0.0830	"	0.831		13.0	10-171				
2,4-Dinitrotoluene	0.340	0.0416	"	0.831		40.9	34-131				
2,6-Dinitrotoluene	0.358	0.0416	"	0.831		43.2	31-128				
2-Chloronaphthalene	0.371	0.0416	"	0.831		44.6	31-117				
2-Chlorophenol	0.419	0.0416	"	0.831		50.4	33-113				
2-Methylnaphthalene	0.379	0.0416	"	0.831		45.6	12-138				
2-Methylphenol	0.411	0.0416	"	0.831		49.4	10-136				
2-Nitroaniline	0.482	0.0830	"	0.831		58.1	27-132				
2-Nitrophenol	0.419	0.0416	"	0.831		50.4	17-129				
3- & 4-Methylphenols	0.362	0.0416	"	0.831		43.6	29-103				
3,3-Dichlorobenzidine	0.419	0.0416	"	0.831		50.5	22-149				
3-Nitroaniline	0.458	0.0830	"	0.831		55.2	20-133				
4,6-Dinitro-2-methylphenol	0.121	0.0830	"	0.831		14.6	10-143				
4-Bromophenyl phenyl ether	0.379	0.0416	"	0.831		45.6	29-120				
4-Chloro-3-methylphenol	0.454	0.0416	"	0.831		54.7	24-129				
4-Chloroaniline	0.222	0.0416	"	0.831		26.7	10-132				
4-Chlorophenyl phenyl ether	0.368	0.0416	"	0.831		44.4	27-124				
4-Nitroaniline	0.493	0.0830	"	0.831		59.4	16-128				
4-Nitrophenol	0.439	0.0830	"	0.831		52.9	10-141				
Acenaphthene	0.356	0.0416	"	0.831		42.8	30-121				
Acenaphthylene	0.387	0.0416	"	0.831		46.6	30-115				
Acetophenone	0.367	0.0416	"	0.831		44.2	20-112				
Aniline	0.308	0.166	"	0.831		37.1	10-119				
Anthracene	0.403	0.0416	"	0.831		48.5	34-118				
Atrazine	0.339	0.0416	"	0.831		40.8	26-112				
Benzaldehyde	0.404	0.0416	"	0.831		48.6	21-100				
Benzo(a)anthracene	0.402	0.0416	"	0.831		48.4	32-122				
Benzo(a)pyrene	0.373	0.0416	"	0.831		45.0	29-133				
Benzo(b)fluoranthene	0.398	0.0416	"	0.831		47.9	25-133				
Benzo(g,h,i)perylene	0.309	0.0416	"	0.831		37.2	10-143				
Benzo(k)fluoranthene	0.366	0.0416	"	0.831		44.0	25-128				
Benzoic acid	0.605	0.0416	"	0.831		72.8	10-140				
Benzyl alcohol	0.373	0.0416	"	0.831		44.9	30-115				
Benzyl butyl phthalate	0.378	0.0416	"	0.831		45.6	26-126				
Bis(2-chloroethoxy)methane	0.409	0.0416	"	0.831		49.2	19-132				
Bis(2-chloroethyl)ether	0.375	0.0416	"	0.831		45.1	19-125				
Bis(2-chloroisopropyl)ether	0.362	0.0416	"	0.831		43.6	20-135				
Bis(2-ethylhexyl)phthalate	0.386	0.0416	"	0.831		46.5	10-155				
Caprolactam	0.491	0.0830	"	0.831		59.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
LCS (BA50757-BS1)								Prepared & Analyzed: 01/14/2025			
Carbazole	0.392	0.0416	mg/kg wet	0.831		47.2	35-123				
Chrysene	0.380	0.0416	"	0.831		45.7	32-123				
Dibenzo(a,h)anthracene	0.327	0.0416	"	0.831		39.4	10-136				
Dibenzofuran	0.377	0.0416	"	0.831		45.4	29-121				
Diethyl phthalate	0.365	0.0416	"	0.831		43.9	34-116				
Dimethyl phthalate	0.369	0.0416	"	0.831		44.4	35-124				
Di-n-butyl phthalate	0.386	0.0416	"	0.831		46.5	31-116				
Di-n-octyl phthalate	0.401	0.0416	"	0.831		48.3	26-136				
Fluoranthene	0.394	0.0416	"	0.831		47.4	33-122				
Fluorene	0.373	0.0416	"	0.831		45.0	29-123				
Hexachlorobenzene	0.390	0.0416	"	0.831		47.0	21-124				
Hexachlorobutadiene	0.402	0.0416	"	0.831		48.4	10-149				
Hexachlorocyclopentadiene	0.115	0.0416	"	0.831		13.9	10-129				
Hexachloroethane	0.302	0.0416	"	0.831		36.4	28-108				
Indeno(1,2,3-cd)pyrene	0.409	0.0416	"	0.831		49.2	10-135				
Isophorone	0.402	0.0416	"	0.831		48.4	20-132				
Naphthalene	0.408	0.0416	"	0.831		49.1	23-124				
Nitrobenzene	0.427	0.0416	"	0.831		51.4	13-132				
N-Nitrosodimethylamine	0.373	0.0416	"	0.831		45.0	11-129				
N-nitroso-di-n-propylamine	0.349	0.0416	"	0.831		42.0	24-119				
N-Nitrosodiphenylamine	0.433	0.0416	"	0.831		52.1	22-152				
Pentachlorophenol	0.381	0.0416	"	0.831		45.8	10-139				
Phenanthrene	0.392	0.0416	"	0.831		47.2	33-123				
Phenol	0.415	0.0416	"	0.831		50.0	23-115				
Pyrene	0.372	0.0416	"	0.831		44.8	24-130				
Surrogate: SURR: 2-Fluorophenol	*0.817*		"	*1.66*		*49.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.790*		"	*1.66*		*47.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.420*		"	*0.831*		*50.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.361*		"	*0.831*		*43.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.08*		"	*1.66*		*64.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.366*		"	*0.831*		*44.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Matrix Spike (BA50757-MS1)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared: 01/14/2025 Analyzed: 01/15/2025			
1,1-Biphenyl	0.653	0.0842	mg/kg dry	0.841	ND	77.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.635	0.168	"	0.841	ND	75.4	10-133				
1,2,4-Trichlorobenzene	0.471	0.0842	"	0.841	ND	55.9	10-127				
1,2-Dichlorobenzene	0.660	0.0842	"	0.841	ND	78.5	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.766	0.0842	"	0.841	ND	91.0	10-144				
1,3-Dichlorobenzene	0.672	0.0842	"	0.841	ND	79.8	11-111				
1,4-Dichlorobenzene	0.667	0.0842	"	0.841	ND	79.3	10-106				
2,3,4,6-Tetrachlorophenol	0.791	0.168	"	0.841	ND	94.0	30-130				
2,4,5-Trichlorophenol	0.597	0.0842	"	0.841	ND	71.0	10-127				
2,4,6-Trichlorophenol	0.530	0.0842	"	0.841	ND	63.0	10-132				
2,4-Dichlorophenol	0.554	0.0842	"	0.841	ND	65.8	10-128				
2,4-Dimethylphenol	0.710	0.0842	"	0.841	ND	84.4	10-137				
2,4-Dinitrophenol	ND	0.168	"	0.841	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.640	0.0842	"	0.841	ND	76.1	16-135				
2,6-Dinitrotoluene	0.630	0.0842	"	0.841	ND	74.9	18-131				
2-Chloronaphthalene	0.638	0.0842	"	0.841	ND	75.8	10-129				
2-Chlorophenol	0.806	0.0842	"	0.841	ND	95.8	15-116				
2-Methylnaphthalene	0.559	0.0842	"	0.841	ND	66.5	10-147				
2-Methylphenol	0.647	0.0842	"	0.841	ND	76.9	10-136				
2-Nitroaniline	0.763	0.168	"	0.841	ND	90.7	10-137				
2-Nitrophenol	0.422	0.0842	"	0.841	ND	50.2	10-129				
3- & 4-Methylphenols	0.541	0.0842	"	0.841	ND	64.2	10-123				
3,3-Dichlorobenzidine	1.06	0.0842	"	0.841	ND	126	10-155				
3-Nitroaniline	0.763	0.168	"	0.841	ND	90.7	12-133				
4,6-Dinitro-2-methylphenol	ND	0.168	"	0.841	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.597	0.0842	"	0.841	ND	71.0	14-128				
4-Chloro-3-methylphenol	0.561	0.0842	"	0.841	ND	66.6	10-134				
4-Chloroaniline	0.457	0.0842	"	0.841	ND	54.3	10-145				
4-Chlorophenyl phenyl ether	0.526	0.0842	"	0.841	ND	62.6	14-130				
4-Nitroaniline	0.668	0.168	"	0.841	ND	79.4	10-147				
4-Nitrophenol	0.470	0.168	"	0.841	ND	55.8	10-137				
Acenaphthene	0.649	0.0842	"	0.841	ND	77.1	10-146				
Acenaphthylene	0.718	0.0842	"	0.841	ND	85.3	10-134				
Acetophenone	0.582	0.0842	"	0.841	ND	69.2	10-116				
Aniline	0.208	0.337	"	0.841	ND	24.7	10-123				
Anthracene	0.665	0.0842	"	0.841	ND	79.0	10-142				
Atrazine	0.640	0.0842	"	0.841	ND	76.1	19-115				
Benzaldehyde	0.596	0.0842	"	0.841	ND	70.8	10-125				
Benzo(a)anthracene	0.712	0.0842	"	0.841	ND	84.6	10-158				
Benzo(a)pyrene	0.707	0.0842	"	0.841	ND	84.1	10-180				
Benzo(b)fluoranthene	0.679	0.0842	"	0.841	ND	80.7	10-200				
Benzo(g,h,i)perylene	0.777	0.0842	"	0.841	ND	92.4	10-138				
Benzo(k)fluoranthene	0.650	0.0842	"	0.841	ND	77.2	10-197				
Benzoic acid	0.914	0.0842	"	0.841	ND	109	10-166				
Benzyl alcohol	0.512	0.0842	"	0.841	ND	60.8	12-124				
Benzyl butyl phthalate	0.911	0.0842	"	0.841	ND	108	10-154				
Bis(2-chloroethoxy)methane	0.528	0.0842	"	0.841	ND	62.7	10-132				
Bis(2-chloroethyl)ether	0.568	0.0842	"	0.841	ND	67.5	10-119				
Bis(2-chloroisopropyl)ether	0.591	0.0842	"	0.841	ND	70.2	10-139				
Bis(2-ethylhexyl)phthalate	0.905	0.0842	"	0.841	ND	108	10-167				
Caprolactam	0.720	0.168	"	0.841	ND	85.5	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Matrix Spike (BA50757-MS1)	*Source sample: 25A0590-06 (SB007 (6-8FT))								Prepared: 01/14/2025 Analyzed: 01/15/2025		
Carbazole	0.711	0.0842	mg/kg dry	0.841	ND	84.6	10-167				
Chrysene	0.665	0.0842	"	0.841	ND	79.0	10-156				
Dibenzo(a,h)anthracene	0.714	0.0842	"	0.841	ND	84.8	10-137				
Dibenzofuran	0.607	0.0842	"	0.841	ND	72.2	10-147				
Diethyl phthalate	0.707	0.0842	"	0.841	ND	84.1	20-120				
Dimethyl phthalate	0.600	0.0842	"	0.841	ND	71.4	18-131				
Di-n-butyl phthalate	0.804	0.0842	"	0.841	ND	95.5	10-137				
Di-n-octyl phthalate	0.893	0.0842	"	0.841	ND	106	10-180				
Fluoranthene	0.648	0.0842	"	0.841	ND	77.0	10-160				
Fluorene	0.637	0.0842	"	0.841	ND	75.7	10-157				
Hexachlorobenzene	1.04	0.0842	"	0.841	ND	124	10-137				
Hexachlorobutadiene	0.484	0.0842	"	0.841	ND	57.5	10-132				
Hexachlorocyclopentadiene	0.126	0.0842	"	0.841	ND	15.0	10-106				
Hexachloroethane	0.648	0.0842	"	0.841	ND	77.0	10-110				
Indeno(1,2,3-cd)pyrene	0.826	0.0842	"	0.841	ND	98.2	10-144				
Isophorone	0.499	0.0842	"	0.841	ND	59.3	10-132				
Naphthalene	0.684	0.0842	"	0.841	ND	81.3	10-141				
Nitrobenzene	0.444	0.0842	"	0.841	ND	52.7	10-131				
N-Nitrosodimethylamine	0.487	0.0842	"	0.841	ND	57.8	10-126				
N-nitroso-di-n-propylamine	0.490	0.0842	"	0.841	ND	58.2	10-125				
N-Nitrosodiphenylamine	0.847	0.0842	"	0.841	ND	101	10-177				
Pentachlorophenol	0.136	0.0842	"	0.841	ND	16.2	10-153				
Phenanthrene	0.687	0.0842	"	0.841	ND	81.6	10-148				
Phenol	0.594	0.0842	"	0.841	ND	70.6	10-126				
Pyrene	0.738	0.0842	"	0.841	ND	87.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.27*		"	*1.68*		*75.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.11*		"	*1.68*		*66.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.468*		"	*0.841*		*55.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.580*		"	*0.841*		*68.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.54*		"	*1.68*		*91.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.613*		"	*0.841*		*72.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Matrix Spike Dup (BA50757-MSD1)	*Source sample: 25A0590-06 (SB007 (6-8FT))								Prepared: 01/14/2025 Analyzed: 01/15/2025		
1,1-Biphenyl	0.563	0.0842	mg/kg dry	0.841	ND	67.0	10-130		14.7	30	
1,2,4,5-Tetrachlorobenzene	0.503	0.168	"	0.841	ND	59.8	10-133		23.2	30	
1,2,4-Trichlorobenzene	0.381	0.0842	"	0.841	ND	45.3	10-127		21.0	30	
1,2-Dichlorobenzene	0.576	0.0842	"	0.841	ND	68.5	14-111		13.6	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.587	0.0842	"	0.841	ND	69.8	10-144		26.5	30	
1,3-Dichlorobenzene	0.575	0.0842	"	0.841	ND	68.3	11-111		15.6	30	
1,4-Dichlorobenzene	0.586	0.0842	"	0.841	ND	69.6	10-106		13.0	30	
2,3,4,6-Tetrachlorophenol	0.734	0.168	"	0.841	ND	87.3	30-130		7.41	30	
2,4,5-Trichlorophenol	0.507	0.0842	"	0.841	ND	60.2	10-127		16.3	30	
2,4,6-Trichlorophenol	0.446	0.0842	"	0.841	ND	53.0	10-132		17.2	30	
2,4-Dichlorophenol	0.462	0.0842	"	0.841	ND	54.9	10-128		18.2	30	
2,4-Dimethylphenol	0.528	0.0842	"	0.841	ND	62.8	10-137		29.3	30	
2,4-Dinitrophenol	ND	0.168	"	0.841	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.451	0.0842	"	0.841	ND	53.6	16-135		34.7	30	Non-dir.
2,6-Dinitrotoluene	0.502	0.0842	"	0.841	ND	59.7	18-131		22.6	30	
2-Chloronaphthalene	0.480	0.0842	"	0.841	ND	57.0	10-129		28.3	30	
2-Chlorophenol	0.649	0.0842	"	0.841	ND	77.1	15-116		21.6	30	
2-Methylnaphthalene	0.472	0.0842	"	0.841	ND	56.1	10-147		17.0	30	
2-Methylphenol	0.561	0.0842	"	0.841	ND	66.6	10-136		14.3	30	
2-Nitroaniline	0.631	0.168	"	0.841	ND	75.0	10-137		18.9	30	
2-Nitrophenol	0.370	0.0842	"	0.841	ND	43.9	10-129		13.3	30	
3- & 4-Methylphenols	0.413	0.0842	"	0.841	ND	49.0	10-123		26.8	30	
3,3-Dichlorobenzidine	0.798	0.0842	"	0.841	ND	94.8	10-155		28.4	30	
3-Nitroaniline	0.631	0.168	"	0.841	ND	75.0	12-133		18.9	30	
4,6-Dinitro-2-methylphenol	ND	0.168	"	0.841	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.506	0.0842	"	0.841	ND	60.1	14-128		16.6	30	
4-Chloro-3-methylphenol	0.484	0.0842	"	0.841	ND	57.5	10-134		14.7	30	
4-Chloroaniline	0.333	0.0842	"	0.841	ND	39.5	10-145		31.5	30	Non-dir.
4-Chlorophenyl phenyl ether	0.433	0.0842	"	0.841	ND	51.5	14-130		19.4	30	
4-Nitroaniline	0.623	0.168	"	0.841	ND	74.0	10-147		7.09	30	
4-Nitrophenol	0.415	0.168	"	0.841	ND	49.3	10-137		12.5	30	
Acenaphthene	0.520	0.0842	"	0.841	ND	61.8	10-146		22.0	30	
Acenaphthylene	0.567	0.0842	"	0.841	ND	67.4	10-134		23.5	30	
Acetophenone	0.461	0.0842	"	0.841	ND	54.8	10-116		23.2	30	
Aniline	ND	0.337	"	0.841	ND		10-123	Low Bias		30	
Anthracene	0.582	0.0842	"	0.841	ND	69.2	10-142		13.3	30	
Atrazine	0.557	0.0842	"	0.841	ND	66.2	19-115		13.8	30	
Benzaldehyde	0.485	0.0842	"	0.841	ND	57.7	10-125		20.4	30	
Benzo(a)anthracene	0.569	0.0842	"	0.841	ND	67.6	10-158		22.4	30	
Benzo(a)pyrene	0.522	0.0842	"	0.841	ND	62.1	10-180		30.1	30	Non-dir.
Benzo(b)fluoranthene	0.522	0.0842	"	0.841	ND	62.1	10-200		26.1	30	
Benzo(g,h,i)perylene	0.602	0.0842	"	0.841	ND	71.6	10-138		25.4	30	
Benzo(k)fluoranthene	0.527	0.0842	"	0.841	ND	62.6	10-197		20.8	30	
Benzoic acid	0.0572	0.0842	"	0.841	ND	6.80	10-166	Low Bias	176	30	Non-dir.
Benzyl alcohol	0.449	0.0842	"	0.841	ND	53.4	12-124		13.0	30	
Benzyl butyl phthalate	0.746	0.0842	"	0.841	ND	88.7	10-154		19.8	30	
Bis(2-chloroethoxy)methane	0.466	0.0842	"	0.841	ND	55.4	10-132		12.5	30	
Bis(2-chloroethyl)ether	0.152	0.0842	"	0.841	ND	18.1	10-119		116	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.517	0.0842	"	0.841	ND	61.4	10-139		13.4	30	
Bis(2-ethylhexyl)phthalate	0.718	0.0842	"	0.841	ND	85.3	10-167		23.1	30	
Caprolactam	0.539	0.168	"	0.841	ND	64.1	10-132		28.7	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Matrix Spike Dup (BA50757-MSD1)	*Source sample: 25A0590-06 (SB007 (6-8FT))								Prepared: 01/14/2025 Analyzed: 01/15/2025		
Carbazole	0.598	0.0842	mg/kg dry	0.841	ND	71.1	10-167		17.3	30	
Chrysene	0.537	0.0842	"	0.841	ND	63.8	10-156		21.3	30	
Dibenzo(a,h)anthracene	0.594	0.0842	"	0.841	ND	70.6	10-137		18.2	30	
Dibenzofuran	0.468	0.0842	"	0.841	ND	55.7	10-147		25.8	30	
Diethyl phthalate	0.553	0.0842	"	0.841	ND	65.8	20-120		24.5	30	
Dimethyl phthalate	0.512	0.0842	"	0.841	ND	60.8	18-131		16.0	30	
Di-n-butyl phthalate	0.655	0.0842	"	0.841	ND	77.8	10-137		20.4	30	
Di-n-octyl phthalate	0.751	0.0842	"	0.841	ND	89.3	10-180		17.2	30	
Fluoranthene	0.546	0.0842	"	0.841	ND	64.9	10-160		17.0	30	
Fluorene	0.483	0.0842	"	0.841	ND	57.4	10-157		27.5	30	
Hexachlorobenzene	0.743	0.0842	"	0.841	ND	88.3	10-137		33.7	30	Non-dir.
Hexachlorobutadiene	0.372	0.0842	"	0.841	ND	44.2	10-132		26.3	30	
Hexachlorocyclopentadiene	0.118	0.0842	"	0.841	ND	14.1	10-106		6.06	30	
Hexachloroethane	0.508	0.0842	"	0.841	ND	60.3	10-110		24.3	30	
Indeno(1,2,3-cd)pyrene	0.710	0.0842	"	0.841	ND	84.4	10-144		15.1	30	
Isophorone	0.418	0.0842	"	0.841	ND	49.7	10-132		17.6	30	
Naphthalene	0.556	0.0842	"	0.841	ND	66.1	10-141		20.6	30	
Nitrobenzene	0.383	0.0842	"	0.841	ND	45.5	10-131		14.7	30	
N-Nitrosodimethylamine	0.425	0.0842	"	0.841	ND	50.5	10-126		13.6	30	
N-nitroso-di-n-propylamine	0.419	0.0842	"	0.841	ND	49.8	10-125		15.5	30	
N-Nitrosodiphenylamine	0.604	0.0842	"	0.841	ND	71.8	10-177		33.5	30	Non-dir.
Pentachlorophenol	0.155	0.0842	"	0.841	ND	18.5	10-153		13.4	30	
Phenanthrene	0.563	0.0842	"	0.841	ND	66.9	10-148		19.8	30	
Phenol	0.469	0.0842	"	0.841	ND	55.8	10-126		23.4	30	
Pyrene	0.602	0.0842	"	0.841	ND	71.5	10-165		20.4	30	
Surrogate: SURR: 2-Fluorophenol	*0.973*		"	*1.68*		*57.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.928*		"	*1.68*		*55.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.380*		"	*0.841*		*45.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.464*		"	*0.841*		*55.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.33*		"	*1.68*		*79.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.525*		"	*0.841*		*62.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50763 - EPA 3510C											
Blank (BA50763-BLK1)											
Prepared: 01/14/2025 Analyzed: 01/15/2025											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*21.0*		"	*50.0*		*42.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.6*		"	*50.0*		*25.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.3*		"	*25.0*		*85.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.2*		"	*25.0*		*68.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.2*		"	*50.0*		*88.5*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50763 - EPA 3510C											
Blank (BA50763-BLK1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Surrogate: SURR: Terphenyl-d14	*19.8*		*ug/L*	*25.0*		*79.0*	*30.7-106*				
Blank (BA50763-BLK2)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50763 - EPA 3510C											
LCS (BA50763-BS1)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
1,1-Biphenyl	19.5	5.00	ug/L	25.0		77.8	33-95				
1,2,4,5-Tetrachlorobenzene	13.8	5.00	"	25.0		55.3	26-120				
2,3,4,6-Tetrachlorophenol	33.8	5.00	"	25.0		135	30-130	High Bias			
2,4,5-Trichlorophenol	22.9	5.00	"	25.0		91.5	32-114				
2,4,6-Trichlorophenol	21.5	5.00	"	25.0		86.1	35-118				
2,4-Dichlorophenol	17.8	5.00	"	25.0		71.4	25-116				
2,4-Dimethylphenol	18.6	5.00	"	25.0		74.4	15-116				
2,4-Dinitrophenol	28.8	5.00	"	25.0		115	10-170				
2,4-Dinitrotoluene	21.2	5.00	"	25.0		85.0	41-128				
2,6-Dinitrotoluene	21.4	5.00	"	25.0		85.6	45-116				
2-Chloronaphthalene	16.8	5.00	"	25.0		67.4	33-112				
2-Chlorophenol	17.8	5.00	"	25.0		71.0	15-120				
2-Methylnaphthalene	14.3	5.00	"	25.0		57.1	24-118				
2-Methylphenol	17.2	5.00	"	25.0		68.9	10-110				
2-Nitroaniline	23.8	5.00	"	25.0		95.2	34-129				
2-Nitrophenol	19.4	5.00	"	25.0		77.4	28-118				
3- & 4-Methylphenols	12.4	5.00	"	25.0		49.8	10-107				
3,3-Dichlorobenzidine	14.9	5.00	"	25.0		59.7	15-187				
3-Nitroaniline	15.7	5.00	"	25.0		62.7	24-134				
4,6-Dinitro-2-methylphenol	31.0	5.00	"	25.0		124	10-153				
4-Bromophenyl phenyl ether	16.7	5.00	"	25.0		66.7	34-120				
4-Chloro-3-methylphenol	21.8	5.00	"	25.0		87.4	20-120				
4-Chloroaniline	8.85	5.00	"	25.0		35.4	10-147				
4-Chlorophenyl phenyl ether	18.8	5.00	"	25.0		75.2	27-121				
4-Nitroaniline	21.4	5.00	"	25.0		85.7	13-134				
4-Nitrophenol	ND	5.00	"	25.0			10-131	Low Bias			
Acetophenone	16.4	5.00	"	25.0		65.7	25-110				
Benzaldehyde	15.3	5.00	"	25.0		61.2	29-117				
Benzyl butyl phthalate	23.0	5.00	"	25.0		92.0	29-133				
Bis(2-chloroethoxy)methane	17.5	5.00	"	25.0		70.1	10-154				
Bis(2-chloroethyl)ether	18.9	5.00	"	25.0		75.5	17-125				
Bis(2-chloroisopropyl)ether	17.9	5.00	"	25.0		71.7	10-139				
Caprolactam	3.46	5.00	"	25.0		13.8	10-137				
Carbazole	22.6	5.00	"	25.0		90.5	42-126				
Dibenzofuran	16.9	5.00	"	25.0		67.7	36-113				
Diethyl phthalate	21.0	5.00	"	25.0		84.2	38-115				
Dimethyl phthalate	20.7	5.00	"	25.0		82.7	38-129				
Di-n-butyl phthalate	23.4	5.00	"	25.0		93.5	31-120				
Di-n-octyl phthalate	23.0	5.00	"	25.0		91.9	21-149				
Hexachlorocyclopentadiene	13.6	10.0	"	25.0		54.4	10-130				
Isophorone	19.2	5.00	"	25.0		76.9	25-127				
N-nitroso-di-n-propylamine	25.9	5.00	"	25.0		104	26-122				
N-Nitrosodiphenylamine	23.1	5.00	"	25.0		92.4	23-149				
Phenol	6.86	5.00	"	25.0		27.4	10-110				
Pyridine	4.21	5.00	"	35.0		12.0	10-90				
Surrogate: SURR: 2-Fluorophenol	*19.5*		*"*	*50.0*		*38.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*12.1*		*"*	*50.0*		*24.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.7*		*"*	*25.0*		*78.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.3*		*"*	*25.0*		*73.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*36.2*		*"*	*50.0*		*72.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.7*		*"*	*25.0*		*74.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50763 - EPA 3510C											
LCS (BA50763-BS2)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Acenaphthene	0.630	0.0500	ug/L	1.00		63.0	25-116				
Acenaphthylene	0.720	0.0500	"	1.00		72.0	26-116				
Anthracene	0.610	0.0500	"	1.00		61.0	25-123				
Benzo(a)anthracene	0.630	0.0500	"	1.00		63.0	33-125				
Benzo(a)pyrene	0.630	0.0500	"	1.00		63.0	32-132				
Benzo(b)fluoranthene	0.640	0.0500	"	1.00		64.0	22-137				
Benzo(g,h,i)perylene	0.870	0.0500	"	1.00		87.0	10-138				
Benzo(k)fluoranthene	0.790	0.0500	"	1.00		79.0	20-137				
Bis(2-ethylhexyl)phthalate	0.920	0.500	"	1.00		92.0	10-189				
Chrysene	0.610	0.0500	"	1.00		61.0	32-124				
Dibenzo(a,h)anthracene	0.720	0.0500	"	1.00		72.0	16-133				
Fluoranthene	0.760	0.0500	"	1.00		76.0	32-121				
Fluorene	0.660	0.0500	"	1.00		66.0	28-118				
Hexachlorobenzene	0.710	0.0200	"	1.00		71.0	23-124				
Hexachlorobutadiene	0.600	0.500	"	1.00		60.0	15-123				
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	0.720	0.0500	"	1.00		72.0	15-135				
Naphthalene	0.660	0.0500	"	1.00		66.0	18-120				
Nitrobenzene	0.380	0.250	"	1.00		38.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.290	0.250	"	1.00		29.0	10-156				
Phenanthrene	0.630	0.0500	"	1.00		63.0	24-127				
Pyrene	0.630	0.0500	"	1.00		63.0	31-132				
Matrix Spike (BA50763-MS1)	*Source sample: 25A0590-11 (MW004)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
1,1-Biphenyl	17.5	5.00	ug/L	25.0	ND	70.1	26-79				
1,2,4,5-Tetrachlorobenzene	13.1	5.00	"	25.0	ND	52.3	33-90				
2,3,4,6-Tetrachlorophenol	26.7	5.00	"	25.0	ND	107	30-130				
2,4,5-Trichlorophenol	17.1	5.00	"	25.0	ND	68.2	43-96				
2,4,6-Trichlorophenol	15.5	5.00	"	25.0	ND	62.2	46-94				
2,4-Dichlorophenol	16.1	5.00	"	25.0	ND	64.2	26-101				
2,4-Dimethylphenol	15.4	5.00	"	25.0	ND	61.6	10-104				
2,4-Dinitrophenol	25.4	5.00	"	25.0	ND	102	10-146				
2,4-Dinitrotoluene	17.1	5.00	"	25.0	ND	68.4	30-108				
2,6-Dinitrotoluene	17.1	5.00	"	25.0	ND	68.5	38-98				
2-Chloronaphthalene	15.7	5.00	"	25.0	ND	62.8	30-89				
2-Chlorophenol	14.3	5.00	"	25.0	ND	57.2	24-98				
2-Methylnaphthalene	13.2	5.00	"	25.0	ND	52.8	10-112				
2-Methylphenol	13.3	5.00	"	25.0	ND	53.3	10-134				
2-Nitroaniline	17.8	5.00	"	25.0	ND	71.1	25-110				
2-Nitrophenol	16.4	5.00	"	25.0	ND	65.7	10-139				
3- & 4-Methylphenols	9.50	5.00	"	25.0	ND	38.0	10-91				
3,3-Dichlorobenzidine	8.58	5.00	"	25.0	ND	34.3	10-140				
3-Nitroaniline	12.3	5.00	"	25.0	ND	49.0	22-111				
4,6-Dinitro-2-methylphenol	19.1	5.00	"	25.0	ND	76.4	10-140				
4-Bromophenyl phenyl ether	10.4	5.00	"	25.0	ND	41.8	30-108				
4-Chloro-3-methylphenol	16.8	5.00	"	25.0	ND	67.0	11-109				
4-Chloroaniline	6.54	5.00	"	25.0	ND	26.2	10-116				
4-Chlorophenyl phenyl ether	14.0	5.00	"	25.0	ND	55.9	39-85				
4-Nitroaniline	14.9	5.00	"	25.0	ND	59.7	11-132				
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50763 - EPA 3510C											
Matrix Spike (BA50763-MS1)	*Source sample: 25A0590-11 (MW004)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
Acetophenone	13.0	5.00	ug/L	25.0	ND	52.1	14-102				
Benzaldehyde	13.2	5.00	"	25.0	ND	52.6	13-87				
Benzyl butyl phthalate	20.7	5.00	"	25.0	ND	82.8	10-133				
Bis(2-chloroethoxy)methane	14.7	5.00	"	25.0	ND	58.8	18-105				
Bis(2-chloroethyl)ether	15.3	5.00	"	25.0	ND	61.4	10-108				
Bis(2-chloroisopropyl)ether	15.0	5.00	"	25.0	ND	59.9	13-116				
Caprolactam	ND	5.00	"	25.0	ND		10-75	Low Bias			
Carbazole	18.0	5.00	"	25.0	ND	71.9	36-108				
Dibenzofuran	14.4	5.00	"	25.0	ND	57.6	34-92				
Diethyl phthalate	16.2	5.00	"	25.0	ND	64.9	33-98				
Dimethyl phthalate	15.2	5.00	"	25.0	ND	60.7	18-116				
Di-n-butyl phthalate	19.1	5.00	"	25.0	ND	76.4	25-97				
Di-n-octyl phthalate	18.8	5.00	"	25.0	ND	75.1	10-137				
Hexachlorocyclopentadiene	13.7	10.0	"	25.0	ND	54.8	10-79				
Isophorone	15.9	5.00	"	25.0	ND	63.6	25-103				
N-nitroso-di-n-propylamine	20.7	5.00	"	25.0	ND	83.0	19-115				
N-Nitrosodiphenylamine	15.2	5.00	"	25.0	ND	60.9	31-112				
Phenol	5.68	5.00	"	25.0	ND	22.7	10-61				
Pyridine	4.20	5.00	"	35.0	ND	12.0	10-78				
Surrogate: SURR: 2-Fluorophenol	*18.1*		*"*	*50.0*		*36.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*11.2*		*"*	*50.0*		*22.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.4*		*"*	*25.0*		*77.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.3*		*"*	*25.0*		*69.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*28.0*		*"*	*50.0*		*55.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.5*		*"*	*25.0*		*73.9*	*30.7-106*				
Matrix Spike Dup (BA50763-MSD1)	*Source sample: 25A0590-11 (MW004)							Prepared: 01/14/2025 Analyzed: 01/15/2025			
1,1-Biphenyl	19.1	5.00	ug/L	25.0	ND	76.4	26-79		8.68	25	
1,2,4,5-Tetrachlorobenzene	15.3	5.00	"	25.0	ND	61.0	33-90		15.4	25	
2,3,4,6-Tetrachlorophenol	25.7	5.00	"	25.0	ND	103	30-130		3.81	25	
2,4,5-Trichlorophenol	23.0	5.00	"	25.0	ND	92.0	43-96		29.6	25	Non-dir.
2,4,6-Trichlorophenol	21.5	5.00	"	25.0	ND	85.9	46-94		32.1	25	Non-dir.
2,4-Dichlorophenol	17.4	5.00	"	25.0	ND	69.6	26-101		7.95	25	
2,4-Dimethylphenol	17.6	5.00	"	25.0	ND	70.5	10-104		13.6	25	
2,4-Dinitrophenol	38.6	5.00	"	25.0	ND	154	10-146	High Bias	41.1	25	Non-dir.
2,4-Dinitrotoluene	24.0	5.00	"	25.0	ND	95.9	30-108		33.5	25	Non-dir.
2,6-Dinitrotoluene	23.1	5.00	"	25.0	ND	92.3	38-98		29.6	25	Non-dir.
2-Chloronaphthalene	17.7	5.00	"	25.0	ND	70.6	30-89		11.8	25	
2-Chlorophenol	16.4	5.00	"	25.0	ND	65.6	24-98		13.8	25	
2-Methylnaphthalene	16.1	5.00	"	25.0	ND	64.3	10-112		19.6	25	
2-Methylphenol	14.7	5.00	"	25.0	ND	59.0	10-134		10.1	25	
2-Nitroaniline	22.8	5.00	"	25.0	ND	91.3	25-110		24.8	25	
2-Nitrophenol	18.4	5.00	"	25.0	ND	73.6	10-139		11.3	25	
3- & 4-Methylphenols	10.7	5.00	"	25.0	ND	42.6	10-91		11.5	25	
3,3-Dichlorobenzidine	10.3	5.00	"	25.0	ND	41.3	10-140		18.4	25	
3-Nitroaniline	18.3	5.00	"	25.0	ND	73.3	22-111		39.6	25	Non-dir.
4,6-Dinitro-2-methylphenol	31.2	5.00	"	25.0	ND	125	10-140		48.1	25	Non-dir.
4-Bromophenyl phenyl ether	18.4	5.00	"	25.0	ND	73.6	30-108		55.3	25	Non-dir.
4-Chloro-3-methylphenol	20.2	5.00	"	25.0	ND	80.8	11-109		18.6	25	
4-Chloroaniline	11.4	5.00	"	25.0	ND	45.5	10-116		53.9	25	Non-dir.
4-Chlorophenyl phenyl ether	18.8	5.00	"	25.0	ND	75.4	39-85		29.6	25	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50763 - EPA 3510C											
Matrix Spike Dup (BA50763-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/14/2025 Analyzed: 01/15/2025		
4-Nitroaniline	22.0	5.00	ug/L	25.0	ND	87.9	11-132		38.2	25	Non-dir.
4-Nitrophenol	ND	5.00	"	25.0	ND		10-82	Low Bias		25	
Acetophenone	14.8	5.00	"	25.0	ND	59.0	14-102		12.5	25	
Benzaldehyde	13.1	5.00	"	25.0	ND	52.4	13-87		0.457	25	
Benzyl butyl phthalate	20.7	5.00	"	25.0	ND	82.9	10-133		0.145	25	
Bis(2-chloroethoxy)methane	16.3	5.00	"	25.0	ND	65.3	18-105		10.5	25	
Bis(2-chloroethyl)ether	17.9	5.00	"	25.0	ND	71.5	10-108		15.3	25	
Bis(2-chloroisopropyl)ether	16.2	5.00	"	25.0	ND	64.6	13-116		7.58	25	
Caprolactam	3.07	5.00	"	25.0	ND	12.3	10-75			25	
Carbazole	21.2	5.00	"	25.0	ND	84.6	36-108		16.3	25	
Dibenzofuran	18.1	5.00	"	25.0	ND	72.2	34-92		22.5	25	
Diethyl phthalate	19.7	5.00	"	25.0	ND	78.6	33-98		19.1	25	
Dimethyl phthalate	19.5	5.00	"	25.0	ND	78.0	18-116		24.9	25	
Di-n-butyl phthalate	22.1	5.00	"	25.0	ND	88.4	25-97		14.7	25	
Di-n-octyl phthalate	20.7	5.00	"	25.0	ND	83.0	10-137		9.92	25	
Hexachlorocyclopentadiene	15.0	10.0	"	25.0	ND	60.2	10-79		9.46	25	
Isophorone	17.5	5.00	"	25.0	ND	69.9	25-103		9.35	25	
N-nitroso-di-n-propylamine	23.2	5.00	"	25.0	ND	92.8	19-115		11.2	25	
N-Nitrosodiphenylamine	22.8	5.00	"	25.0	ND	91.2	31-112		39.9	25	Non-dir.
Phenol	5.77	5.00	"	25.0	ND	23.1	10-61		1.57	25	
Pyridine	5.04	5.00	"	35.0	ND	14.4	10-78		18.2	25	
Surrogate: SURR: 2-Fluorophenol	*16.6*		"	*50.0*		*33.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.88*		"	*50.0*		*19.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.4*		"	*25.0*		*73.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.3*		"	*25.0*		*69.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.9*		"	*50.0*		*79.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.6*		"	*25.0*		*66.2*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50822 - EPA 3550C											
Blank (BA50822-BLK1)											Prepared & Analyzed: 01/15/2025
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50822 - EPA 3550C											
Blank (BA50822-BLK1)											Prepared & Analyzed: 01/15/2025
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.32*		"	*1.66*		*79.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.13*		"	*1.66*		*68.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.449*		"	*0.831*		*54.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.618*		"	*0.831*		*74.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.69*		"	*1.66*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.667*		"	*0.831*		*80.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50822 - EPA 3550C											
LCS (BA50822-BS1)							Prepared & Analyzed: 01/15/2025				
1,1-Biphenyl	0.614	0.0416	mg/kg wet	0.831		74.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.579	0.0830	"				21-131				
1,2,4-Trichlorobenzene	0.351	0.0416	"	0.831		42.2	10-140				
1,2-Dichlorobenzene	0.567	0.0416	"	0.831		68.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.636	0.0416	"	0.831		76.5	17-137				
1,3-Dichlorobenzene	0.574	0.0416	"	0.831		69.2	33-110				
1,4-Dichlorobenzene	0.551	0.0416	"	0.831		66.4	32-104				
2,3,4,6-Tetrachlorophenol	0.816	0.0830	"	0.831		98.2	30-130				
2,4,5-Trichlorophenol	0.542	0.0416	"	0.831		65.2	27-118				
2,4,6-Trichlorophenol	0.520	0.0416	"	0.831		62.6	31-120				
2,4-Dichlorophenol	0.471	0.0416	"	0.831		56.8	20-127				
2,4-Dimethylphenol	0.640	0.0416	"	0.831		77.0	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.543	0.0416	"	0.831		65.3	34-131				
2,6-Dinitrotoluene	0.555	0.0416	"	0.831		66.9	31-128				
2-Chloronaphthalene	0.581	0.0416	"	0.831		70.0	31-117				
2-Chlorophenol	0.643	0.0416	"	0.831		77.4	33-113				
2-Methylnaphthalene	0.455	0.0416	"	0.831		54.8	12-138				
2-Methylphenol	0.533	0.0416	"	0.831		64.2	10-136				
2-Nitroaniline	0.715	0.0830	"	0.831		86.1	27-132				
2-Nitrophenol	0.445	0.0416	"	0.831		53.5	17-129				
3- & 4-Methylphenols	0.443	0.0416	"	0.831		53.4	29-103				
3,3-Dichlorobenzidine	0.924	0.0416	"	0.831		111	22-149				
3-Nitroaniline	0.715	0.0830	"	0.831		86.1	20-133				
4,6-Dinitro-2-methylphenol	0.0621	0.0830	"	0.831		7.48	10-143	Low Bias			
4-Bromophenyl phenyl ether	0.599	0.0416	"	0.831		72.1	29-120				
4-Chloro-3-methylphenol	0.469	0.0416	"	0.831		56.4	24-129				
4-Chloroaniline	0.278	0.0416	"	0.831		33.4	10-132				
4-Chlorophenyl phenyl ether	0.491	0.0416	"	0.831		59.2	27-124				
4-Nitroaniline	0.711	0.0830	"	0.831		85.6	16-128				
4-Nitrophenol	0.562	0.0830	"	0.831		67.6	10-141				
Acenaphthene	0.578	0.0416	"	0.831		69.6	30-121				
Acenaphthylene	0.641	0.0416	"	0.831		77.2	30-115				
Acetophenone	0.471	0.0416	"	0.831		56.7	20-112				
Aniline	0.304	0.166	"	0.831		36.6	10-119				
Anthracene	0.604	0.0416	"	0.831		72.7	34-118				
Atrazine	0.597	0.0416	"	0.831		71.8	26-112				
Benzaldehyde	0.450	0.0416	"	0.831		54.2	21-100				
Benzo(a)anthracene	0.594	0.0416	"	0.831		71.5	32-122				
Benzo(a)pyrene	0.554	0.0416	"	0.831		66.7	29-133				
Benzo(b)fluoranthene	0.578	0.0416	"	0.831		69.6	25-133				
Benzo(g,h,i)perylene	0.624	0.0416	"	0.831		75.1	10-143				
Benzo(k)fluoranthene	0.555	0.0416	"	0.831		66.8	25-128				
Benzoic acid	0.181	0.0416	"	1.66		10.9	10-140				
Benzyl alcohol	0.501	0.0416	"	0.831		60.3	30-115				
Benzyl butyl phthalate	0.721	0.0416	"	0.831		86.8	26-126				
Bis(2-chloroethoxy)methane	0.447	0.0416	"	0.831		53.8	19-132				
Bis(2-chloroethyl)ether	0.406	0.0416	"	0.831		48.8	19-125				
Bis(2-chloroisopropyl)ether	0.497	0.0416	"	0.831		59.9	20-135				
Bis(2-ethylhexyl)phthalate	0.737	0.0416	"	0.831		88.7	10-155				
Caprolactam	0.537	0.0830	"	0.831		64.7	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50822 - EPA 3550C											
LCS (BA50822-BS1)							Prepared & Analyzed: 01/15/2025				
Carbazole	0.623	0.0416	mg/kg wet	0.831		75.0	35-123				
Chrysene	0.588	0.0416	"	0.831		70.8	32-123				
Dibenzo(a,h)anthracene	0.559	0.0416	"	0.831		67.4	10-136				
Dibenzofuran	0.524	0.0416	"	0.831		63.1	29-121				
Diethyl phthalate	0.615	0.0416	"	0.831		74.1	34-116				
Dimethyl phthalate	0.544	0.0416	"	0.831		65.5	35-124				
Di-n-butyl phthalate	0.717	0.0416	"	0.831		86.4	31-116				
Di-n-octyl phthalate	0.755	0.0416	"	0.831		90.9	26-136				
Fluoranthene	0.581	0.0416	"	0.831		70.0	33-122				
Fluorene	0.544	0.0416	"	0.831		65.5	29-123				
Hexachlorobenzene	0.723	0.0416	"	0.831		87.1	21-124				
Hexachlorobutadiene	0.372	0.0416	"	0.831		44.8	10-149				
Hexachlorocyclopentadiene	0.182	0.0416	"	0.831		21.9	10-129				
Hexachloroethane	0.518	0.0416	"	0.831		62.3	28-108				
Indeno(1,2,3-cd)pyrene	0.702	0.0416	"	0.831		84.5	10-135				
Isophorone	0.411	0.0416	"	0.831		49.5	20-132				
Naphthalene	0.539	0.0416	"	0.831		64.8	23-124				
Nitrobenzene	0.382	0.0416	"	0.831		46.0	13-132				
N-Nitrosodimethylamine	0.376	0.0416	"	0.831		45.2	11-129				
N-nitroso-di-n-propylamine	0.406	0.0416	"	0.831		48.8	24-119				
N-Nitrosodiphenylamine	0.691	0.0416	"	0.831		83.2	22-152				
Pentachlorophenol	0.224	0.0416	"	0.831		27.0	10-139				
Phenanthrene	0.596	0.0416	"	0.831		71.8	33-123				
Phenol	0.494	0.0416	"	0.831		59.5	23-115				
Pyrene	0.589	0.0416	"	0.831		71.0	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.02*		"	*1.66*		*61.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.941*		"	*1.66*		*56.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.382*		"	*0.831*		*46.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.529*		"	*0.831*		*63.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.48*		"	*1.66*		*88.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.517*		"	*0.831*		*62.3*	*24-116*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50761 - EPA 3535A											
Blank (BA50761-BLK1)								Prepared & Analyzed: 01/14/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				
LCS (BA50761-BS1)								Prepared & Analyzed: 01/14/2025			
1,4-Dioxane	4.21	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.04*		*"*	*4.00*		*76.0*	*36.6-118*				
Batch BA50764 - EPA 3550C											
Blank (BA50764-BLK1)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*554*		*"*	*495*		*112*	*39-127.5*				
LCS (BA50764-BS1)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
1,4-Dioxane	495	19.8	ug/kg	495		100	40-130				
Surrogate: 1,4-Dioxane-d8	*594*		*"*	*495*		*120*	*39-127.5*				
Batch BA50858 - EPA 3535A											
Blank (BA50858-BLK1)								Prepared: 01/15/2025 Analyzed: 01/16/2025			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.20*		*"*	*4.00*		*80.0*	*36.6-118*				
LCS (BA50858-BS1)								Prepared: 01/15/2025 Analyzed: 01/16/2025			
1,4-Dioxane	4.13	0.300	ug/L	4.00		103	50-130				
Surrogate: 1,4-Dioxane-d8	*3.20*		*"*	*4.00*		*80.0*	*36.6-118*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50858 - EPA 3535A											
Matrix Spike (BA50858-MS1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/15/2025 Analyzed: 01/16/2025		
1,4-Dioxane	4.19	0.300	ug/L	4.00	ND	105	50-130				
Surrogate: 1,4-Dioxane-d8	*2.08*		"	*4.00*		*52.0*	*50-130*				
Matrix Spike Dup (BA50858-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/15/2025 Analyzed: 01/16/2025		
1,4-Dioxane	4.05	0.300	ug/L	4.00	ND	101	50-130		3.50	30	
Surrogate: 1,4-Dioxane-d8	*2.72*		"	*4.00*		*68.0*	*50-130*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
Blank (BA50704-BLK1)											Prepared: 01/13/2025 Analyzed: 01/15/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*30.3*		*"*	*23.3*		*130*	*25-150*				
Surrogate: M5PFHxA	*28.8*		*"*	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*30.5*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M3PFHxS	*29.6*		*"*	*23.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.4*		*"*	*25.0*		*114*	*25-150*				
Surrogate: M6PFDA	*11.7*		*"*	*12.5*		*93.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
Blank (BA50704-BLK1)											
Surrogate: M7PFUdA	*14.1*		*ng/L*	*12.5*		*113*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.6*		*"*	*12.5*		*101*	*25-150*				
Surrogate: M2PFTeDA	*8.80*		*"*	*12.5*		*70.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.05*		*"*	*100*		*3.05*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.6*		*"*	*24.0*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.7*		*"*	*50.0*		*77.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.3*		*"*	*25.0*		*105*	*10-150*				
Surrogate: d3-N-MeFOSAA	*49.5*		*"*	*50.0*		*98.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.2*		*"*	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*15.7*		*"*	*47.6*		*33.0*	*25-200*				
Surrogate: M2-8:2 FTS	*22.5*		*"*	*48.0*		*46.8*	*25-200*				
Surrogate: M9PFNA	*14.4*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*15.3*		*"*	*46.9*		*32.6*	*25-150*				
Surrogate: d-N-MeFOSA	*14.0*		*"*	*25.0*		*55.9*	*25-150*				
Surrogate: d-N-EtFOSA	*14.6*		*"*	*25.0*		*58.2*	*25-150*				
Surrogate: M3HFPO-DA	*50.9*		*"*	*100*		*50.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*306*		*"*	*250*		*123*	*25-150*				
Surrogate: d7-N-MeFOSE	*322*		*"*	*250*		*129*	*25-150*				
Blank (BA50704-BLK2)											
Perfluorobutanesulfonic acid (PFBS)	ND	1.69	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	1.91	"								
Perfluoroheptanoic acid (PFHpA)	ND	1.91	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.75	"								
Perfluorooctanoic acid (PFOA)	ND	1.91	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.78	"								
Perfluorononanoic acid (PFNA)	ND	1.91	"								
Perfluorodecanoic acid (PFDA)	ND	1.91	"								
Perfluoroundecanoic acid (PFUnA)	ND	1.91	"								
Perfluorododecanoic acid (PFDoA)	ND	1.91	"								
Perfluorotridecanoic acid (PFTrDA)	ND	1.91	"								
Perfluorotetradecanoic acid (PFTA)	ND	1.91	"								
N-MeFOSAA	ND	1.91	"								
N-EtFOSAA	ND	1.91	"								
Perfluoropentanoic acid (PFPeA)	ND	3.83	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.91	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.83	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.85	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.28	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.35	"								
Perfluoro-n-butanoic acid (PFBA)	ND	7.66	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.41	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.83	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.83	"								

Prepared: 01/13/2025 Analyzed: 01/15/2025

Prepared: 01/13/2025 Analyzed: 01/15/2025

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
Blank (BA50704-BLK2)											Prepared: 01/13/2025 Analyzed: 01/15/2025
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.83	ng/L								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.80	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.18	"								
HFPO-DA (Gen-X)	ND	7.66	"								
11CL-PF3OUdS	ND	7.24	"								
9CL-PF3ONS	ND	7.16	"								
ADONA	ND	7.24	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.86	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.79	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	23.9	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	23.9	"								
N-MeFOSE	ND	19.1	"								
N-MeFOSA	ND	1.91	"								
N-EtFOSE	ND	19.1	"								
N-EtFOSA	ND	1.91	"								
Surrogate: M3PFBS	*26.0*		"	*22.3*		*117*	*25-150*				
Surrogate: M5PFHxA	*27.1*		"	*23.9*		*113*	*25-150*				
Surrogate: M4PFHpA	*28.1*		"	*23.9*		*118*	*25-150*				
Surrogate: M3PFHxS	*28.4*		"	*22.7*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*27.2*		"	*23.9*		*114*	*25-150*				
Surrogate: M6PFDA	*13.7*		"	*12.0*		*115*	*25-150*				
Surrogate: M7PFUdA	*13.8*		"	*12.0*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.4*		"	*12.0*		*103*	*25-150*				
Surrogate: M2PFTeDA	*9.67*		"	*12.0*		*80.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.75*		"	*95.7*		*6.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.0*		"	*22.9*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*50.2*		"	*47.9*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.1*		"	*23.9*		*105*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.1*		"	*47.9*		*100*	*25-150*				
Surrogate: d5-N-EtFOSAA	*54.2*		"	*47.9*		*113*	*25-150*				
Surrogate: M2-6:2 FTS	*16.1*		"	*45.5*		*35.3*	*25-200*				
Surrogate: M2-8:2 FTS	*19.0*		"	*46.0*		*41.4*	*25-200*				
Surrogate: M9PFNA	*14.0*		"	*12.0*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*13.2*		"	*44.9*		*29.4*	*25-150*				
Surrogate: d-N-MeFOSA	*12.7*		"	*23.9*		*53.1*	*25-150*				
Surrogate: d-N-EtFOSA	*10.3*		"	*23.9*		*42.9*	*25-150*				
Surrogate: M3HFPO-DA	*46.9*		"	*95.7*		*49.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*306*		"	*239*		*128*	*25-150*				
Surrogate: d7-N-MeFOSE	*345*		"	*239*		*144*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
LCS (BA50704-BS1)								Prepared: 01/13/2025 Analyzed: 01/15/2025			
Perfluorobutanesulfonic acid (PFBS)	37.0	1.77	ng/L	35.4		105	50-150				
Perfluorohexanoic acid (PFHxA)	39.0	2.00	"	40.0		97.5	50-150				
Perfluoroheptanoic acid (PFHpA)	35.0	2.00	"	40.0		87.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	35.0	1.83	"	36.6		95.5	50-150				
Perfluorooctanoic acid (PFOA)	36.3	2.00	"	40.0		90.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	31.0	1.86	"	37.2		83.4	50-150				
Perfluorononanoic acid (PFNA)	43.5	2.00	"	40.0		109	50-150				
Perfluorodecanoic acid (PFDA)	37.1	2.00	"	40.0		92.8	50-150				
Perfluoroundecanoic acid (PFUnA)	40.1	2.00	"	40.0		100	50-150				
Perfluorododecanoic acid (PFDoA)	39.6	2.00	"	40.0		99.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	49.5	2.00	"	40.0		124	50-150				
Perfluorotetradecanoic acid (PFTA)	37.4	2.00	"	40.0		93.4	50-150				
N-MeFOSAA	41.8	2.00	"	40.0		105	50-150				
N-EtFOSAA	41.2	2.00	"	40.0		103	50-150				
Perfluoropentanoic acid (PFPeA)	89.0	4.00	"	80.0		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	40.5	2.00	"	40.0		101	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	31.7	1.91	"	38.2		83.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	39.8	1.93	"	38.6		103	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	140	7.60	"	152		92.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	151	7.68	"	154		98.4	50-150				
Perfluoro-n-butanoic acid (PFBA)	136	8.00	"	160		85.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	55.2	3.56	"	71.2		77.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	73.2	4.00	"	80.0		91.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.6	4.00	"	80.0		18.3	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	119	4.00	"	80.0		148	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	36.7	1.88	"	37.6		97.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	154	7.50	"	150		103	50-150				
HFPO-DA (Gen-X)	97.8	8.00	"	80.0		122	50-150				
11CL-PF3OUdS	170	7.56	"	75.6		224	50-150	High Bias			
9CL-PF3ONS	171	7.48	"	74.8		228	50-150	High Bias			
ADONA	206	7.56	"	75.6		273	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	32.3	1.94	"	38.8		83.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	44.4	1.92	"	38.4		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	82.3	5.00	"	160		51.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	571	25.0	"	800		71.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	634	25.0	"	800		79.2	50-150				
N-MeFOSE	429	20.0	"	400		107	50-150				
N-MeFOSA	38.6	2.00	"	40.0		96.4	50-150				
N-EtFOSE	365	20.0	"	400		91.2	50-150				
N-EtFOSA	25.0	2.00	"	40.0		62.6	50-150				
Surrogate: M3PFBS	*29.9*		*"*	*23.3*		*128*	*25-150*				
Surrogate: M5PFHxA	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*31.1*		*"*	*25.0*		*124*	*25-150*				
Surrogate: M3PFHxS	*34.5*		*"*	*23.7*		*145*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*29.4*		*"*	*25.0*		*118*	*25-150*				
Surrogate: M6PFDA	*14.1*		*"*	*12.5*		*113*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
LCS (BA50704-BS1)								Prepared: 01/13/2025 Analyzed: 01/15/2025			
Surrogate: M7PFUdA	*15.3*		*ng/L*	*12.5*		*123*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*13.5*		*"*	*12.5*		*108*	*25-150*				
Surrogate: M2PFTeDA	*10.6*		*"*	*12.5*		*84.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.23*		*"*	*100*		*2.23*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.0*		*"*	*24.0*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*31.1*		*"*	*50.0*		*62.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.0*		*"*	*25.0*		*104*	*10-150*				
Surrogate: d3-N-MeFOSAA	*50.3*		*"*	*50.0*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.3*		*"*	*50.0*		*117*	*25-150*				
Surrogate: M2-6:2 FTS	*20.9*		*"*	*47.6*		*43.9*	*25-200*				
Surrogate: M2-8:2 FTS	*29.2*		*"*	*48.0*		*60.9*	*25-200*				
Surrogate: M9PFNA	*12.6*		*"*	*12.5*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*18.2*		*"*	*46.9*		*38.9*	*25-150*				
Surrogate: d-N-MeFOSA	*14.5*		*"*	*25.0*		*57.8*	*25-150*				
Surrogate: d-N-EtFOSA	*15.3*		*"*	*25.0*		*61.0*	*25-150*				
Surrogate: M3HFPO-DA	*47.1*		*"*	*100*		*47.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*318*		*"*	*250*		*127*	*25-150*				
Surrogate: d7-N-MeFOSE	*345*		*"*	*250*		*138*	*25-150*				
LCS (BA50704-BS2)								Prepared: 01/13/2025 Analyzed: 01/15/2025			
Perfluorobutanesulfonic acid (PFBS)	3.71	1.77	ng/L	3.54		105	50-150				
Perfluorohexanoic acid (PFHxA)	4.09	2.00	"	4.00		102	50-150				
Perfluoroheptanoic acid (PFHpA)	3.75	2.00	"	4.00		93.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.38	1.83	"	3.66		120	50-150				
Perfluorooctanoic acid (PFOA)	3.40	2.00	"	4.00		85.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.01	1.86	"	3.72		80.9	50-150				
Perfluorononanoic acid (PFNA)	3.05	2.00	"	4.00		76.2	50-150				
Perfluorodecanoic acid (PFDA)	4.04	2.00	"	4.00		101	50-150				
Perfluoroundecanoic acid (PFUnA)	3.87	2.00	"	4.00		96.7	50-150				
Perfluorododecanoic acid (PFDoA)	3.85	2.00	"	4.00		96.2	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.04	2.00	"	4.00		151	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	3.87	2.00	"	4.00		96.7	50-150				
N-MeFOSAA	3.97	2.00	"	4.00		99.1	50-150				
N-EtFOSAA	4.44	2.00	"	4.00		111	50-150				
Perfluoropentanoic acid (PFPeA)	7.82	4.00	"	8.00		97.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.82	2.00	"	4.00		95.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.28	1.91	"	3.82		85.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.48	1.93	"	3.86		90.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.2	7.60	"	15.2		93.2	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	13.9	7.68	"	15.4		90.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.7	8.00	"	16.0		85.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.25	3.56	"	7.12		73.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.70	4.00	"	8.00		71.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.36	4.00	"	8.00		17.0	50-150	Low Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
LCS (BA50704-BS2)								Prepared: 01/13/2025 Analyzed: 01/15/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.79	4.00	ng/L	8.00		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.22	1.88	"	3.76		112	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.8	7.50	"	15.0		105	50-150				
HFPO-DA (Gen-X)	12.7	8.00	"	8.00		159	50-150	High Bias			
11CL-PF3OUdS	13.6	7.56	"	7.56		180	50-150	High Bias			
9CL-PF3ONS	15.9	7.48	"	7.48		213	50-150	High Bias			
ADONA	18.5	7.56	"	7.56		244	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	2.80	1.94	"	3.88		72.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.23	1.92	"	3.84		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	8.03	5.00	"	16.0		50.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	52.0	25.0	"	80.0		65.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	58.4	25.0	"	80.0		73.0	50-150				
N-MeFOSE	48.5	20.0	"	40.0		121	50-150				
N-MeFOSA	4.97	2.00	"	4.00		124	50-150				
N-EtFOSE	40.7	20.0	"	40.0		102	50-150				
N-EtFOSA	2.56	2.00	"	4.00		63.9	50-150				
Surrogate: M3PFBS	*26.5*		"	*23.3*		*114*	*25-150*				
Surrogate: M5PFHxA	*28.0*		"	*25.0*		*112*	*25-150*				
Surrogate: M4PFHpA	*29.2*		"	*25.0*		*117*	*25-150*				
Surrogate: M3PFHxS	*28.3*		"	*23.7*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.9*		"	*25.0*		*124*	*25-150*				
Surrogate: M6PFDA	*13.2*		"	*12.5*		*105*	*25-150*				
Surrogate: M7PFUdA	*14.1*		"	*12.5*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		"	*12.5*		*116*	*25-150*				
Surrogate: M2PFTeDA	*8.92*		"	*12.5*		*71.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.29*		"	*100*		*3.29*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*26.1*		"	*24.0*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*45.4*		"	*50.0*		*90.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.3*		"	*25.0*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*46.5*		"	*50.0*		*93.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*51.5*		"	*50.0*		*103*	*25-150*				
Surrogate: M2-6:2 FTS	*14.4*		"	*47.6*		*30.3*	*25-200*				
Surrogate: M2-8:2 FTS	*21.2*		"	*48.0*		*44.1*	*25-200*				
Surrogate: M9PFNA	*15.9*		"	*12.5*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*13.4*		"	*46.9*		*28.5*	*25-150*				
Surrogate: d-N-MeFOSA	*13.0*		"	*25.0*		*52.0*	*25-150*				
Surrogate: d-N-EtFOSA	*13.6*		"	*25.0*		*54.4*	*25-150*				
Surrogate: M3HFPO-DA	*49.6*		"	*100*		*49.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*292*		"	*250*		*117*	*25-150*				
Surrogate: d7-N-MeFOSE	*318*		"	*250*		*127*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
Matrix Spike (BA50704-MS1)	*Source sample: 25A0590-11 (MW004)							Prepared: 01/13/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	54.7	1.62	ng/L	32.5	22.6	98.8	25-150				
Perfluorohexanoic acid (PFHxA)	257	1.83	"	36.7	217	108	25-150				
Perfluoroheptanoic acid (PFHpA)	194	1.83	"	36.7	165	79.6	25-150				
Perfluorohexanesulfonic acid (PFHxS)	877	1.68	"	33.6	852	74.6	25-150				
Perfluorooctanoic acid (PFOA)	207	1.83	"	36.7	181	69.4	25-150				
Perfluorooctanesulfonic acid (PFOS)	ND	1.71	"	34.1	ND		25-150	Low Bias			
Perfluorononanoic acid (PFNA)	52.5	1.83	"	36.7	25.4	73.6	25-150				
Perfluorodecanoic acid (PFDA)	34.3	1.83	"	36.7	ND	93.4	25-150				
Perfluoroundecanoic acid (PFUnA)	34.8	1.83	"	36.7	ND	94.7	25-150				
Perfluorododecanoic acid (PFDoA)	35.4	1.83	"	36.7	ND	96.5	25-150				
Perfluorotridecanoic acid (PFTrDA)	38.6	1.83	"	36.7	ND	105	25-150				
Perfluorotetradecanoic acid (PFTA)	34.0	1.83	"	36.7	ND	92.6	25-150				
N-MeFOSAA	36.9	1.83	"	36.7	ND	101	25-150				
N-EtFOSAA	37.2	1.83	"	36.7	ND	101	25-150				
Perfluoropentanoic acid (PFPeA)	322	3.67	"	73.4	238	115	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	37.5	1.83	"	36.7	ND	102	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	194	1.75	"	35.0	124	200	25-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	48.5	1.77	"	35.4	ND	137	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	129	6.97	"	139	ND	92.2	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	7.04	"	141	1.96	108	25-150				
Perfluoro-n-butanoic acid (PFBA)	245	7.34	"	147	85.2	109	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	69.2	3.27	"	65.3	ND	106	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	58.3	3.67	"	73.4	ND	79.4	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	62.7	3.67	"	73.4	ND	85.5	25-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	72.0	3.67	"	73.4	ND	98.1	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	83.2	1.72	"	34.5	46.7	106	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	140	6.88	"	138	ND	102	25-150				
HFPO-DA (Gen-X)	87.7	7.34	"	73.4	ND	119	25-150				
11CL-PF3OUdS	51.8	6.93	"	69.3	ND	74.7	25-150				
9CL-PF3ONS	74.5	6.86	"	68.6	ND	109	25-150				
ADONA	73.1	6.93	"	69.3	ND	105	25-150				
Perfluorododecanesulfonic acid (PFDoS)	37.2	1.78	"	35.6	ND	105	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	56.3	1.76	"	35.2	ND	160	25-150	High Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	202	4.59	"	147	ND	138	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	818	22.9	"	734	ND	111	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	831	22.9	"	734	ND	113	25-150				
N-MeFOSE	362	18.3	"	367	ND	98.8	25-150				
N-MeFOSA	33.4	1.83	"	36.7	ND	91.2	25-150				
N-EtFOSE	315	18.3	"	367	ND	85.8	25-150				
N-EtFOSA	34.4	1.83	"	36.7	ND	93.9	25-150				
Surrogate: M3PFBS	*25.3*		*"*	*21.4*		*119*	*25-150*				
Surrogate: M5PFHxA	*23.3*		*"*	*22.9*		*101*	*25-150*				
Surrogate: M4PFHpA	*22.4*		*"*	*22.9*		*97.6*	*25-150*				
Surrogate: M3PFHxS	*23.0*		*"*	*21.7*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*24.8*		*"*	*22.9*		*108*	*25-150*				
Surrogate: M6PFDA	*12.3*		*"*	*11.5*		*108*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
Matrix Spike (BA50704-MS1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/13/2025 Analyzed: 01/16/2025		
Surrogate: M7PFUdA	*11.7*		*ng/L*	*11.5*		*102*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*8.82*		*"*	*11.5*		*76.9*	*25-150*				
Surrogate: M2PFTeDA	*7.76*		*"*	*11.5*		*67.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*50.5*		*"*	*91.7*		*55.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.0*		*"*	*22.0*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*51.1*		*"*	*45.9*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*41.6*		*"*	*22.9*		*181*	*10-150*				
Surrogate: d3-N-MeFOSAA	*80.9*		*"*	*45.9*		*176*	*25-150*				
Surrogate: d5-N-EtFOSAA	*80.0*		*"*	*45.9*		*175*	*25-150*				
Surrogate: M2-6:2 FTS	*48.1*		*"*	*43.6*		*110*	*25-200*				
Surrogate: M2-8:2 FTS	*38.4*		*"*	*44.0*		*87.2*	*25-200*				
Surrogate: M9PFNA	*12.6*		*"*	*11.5*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*72.0*		*"*	*43.0*		*167*	*25-150*				
Surrogate: d-N-MeFOSA	*26.3*		*"*	*22.9*		*115*	*25-150*				
Surrogate: d-N-EtFOSA	*22.4*		*"*	*22.9*		*97.5*	*25-150*				
Surrogate: M3HFPO-DA	*95.5*		*"*	*91.7*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*343*		*"*	*229*		*150*	*25-150*				
Surrogate: d7-N-MeFOSE	*342*		*"*	*229*		*149*	*25-150*				
Matrix Spike Dup (BA50704-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/13/2025 Analyzed: 01/16/2025		
Perfluorobutanesulfonic acid (PFBS)	55.2	1.62	ng/L	32.4	22.6	101	25-150		0.981	35	
Perfluorohexanoic acid (PFHxA)	229	1.83	"	36.6	217	33.1	25-150		11.3	35	
Perfluoroheptanoic acid (PFHpA)	186	1.83	"	36.6	165	57.8	25-150		4.24	35	
Perfluorohexanesulfonic acid (PFHxS)	886	1.67	"	33.5	852	100	25-150		0.966	35	
Perfluorooctanoic acid (PFOA)	221	1.83	"	36.6	181	108	25-150		6.64	35	
Perfluorooctanesulfonic acid (PFOS)	ND	1.70	"	34.0	ND		25-150	Low Bias		35	
Perfluorononanoic acid (PFNA)	62.3	1.83	"	36.6	25.4	101	25-150		17.2	35	
Perfluorodecanoic acid (PFDA)	31.9	1.83	"	36.6	ND	87.2	25-150		7.09	35	
Perfluoroundecanoic acid (PFUnA)	32.1	1.83	"	36.6	ND	87.8	25-150		7.80	35	
Perfluorododecanoic acid (PFDoA)	30.5	1.83	"	36.6	ND	83.4	25-150		14.8	35	
Perfluorotridecanoic acid (PFTrDA)	42.0	1.83	"	36.6	ND	115	25-150		8.51	35	
Perfluorotetradecanoic acid (PFTA)	32.4	1.83	"	36.6	ND	88.6	25-150		4.69	35	
N-MeFOSAA	37.6	1.83	"	36.6	ND	103	25-150		1.70	35	
N-EtFOSAA	33.8	1.83	"	36.6	ND	92.4	25-150		9.61	35	
Perfluoropentanoic acid (PFPeA)	319	3.66	"	73.2	238	112	25-150		0.887	35	
Perfluoro-1-octanesulfonamide (FOSA)	35.2	1.83	"	36.6	ND	96.1	25-150		6.38	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	194	1.75	"	35.0	124	199	25-150	High Bias	0.219	35	
Perfluoro-1-decanesulfonic acid (PFDS)	42.7	1.77	"	35.3	ND	121	25-150		12.8	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	133	6.95	"	139	ND	95.7	25-150		3.52	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	144	7.03	"	141	1.96	101	25-150		7.21	35	
Perfluoro-n-butanoic acid (PFBA)	240	7.32	"	146	85.2	106	25-150		1.99	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	63.5	3.26	"	65.2	ND	97.4	25-150		8.56	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	60.6	3.66	"	73.2	ND	82.8	25-150		3.98	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	62.9	3.66	"	73.2	ND	86.0	25-150		0.372	30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50704 - EPA 1633 Prep											
Matrix Spike Dup (BA50704-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/13/2025 Analyzed: 01/16/2025		
Perfluoro-5-oxahexanoic acid (PFMBA)	72.4	3.66	ng/L	73.2	ND	98.9	25-150		0.651	30	
Perfluoro-1-pentanesulfonate (PFPeS)	86.6	1.72	"	34.4	46.7	116	25-150		4.00	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	138	6.86	"	137	ND	100	25-150		1.66	30	
HFPO-DA (Gen-X)	78.4	7.32	"	73.2	ND	107	25-150		11.2	30	
11CL-PF3OUdS	52.6	6.92	"	69.2	ND	76.0	25-150		1.54	30	
9CL-PF3ONS	73.5	6.84	"	68.4	ND	107	25-150		1.43	30	
ADONA	76.0	6.92	"	69.2	ND	110	25-150		3.88	30	
Perfluorododecanesulfonic acid (PFDoS)	37.4	1.78	"	35.5	ND	105	25-150		0.558	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	58.1	1.76	"	35.1	ND	165	25-150	High Bias	3.29	30	
3-Perfluoropropyl propanoic acid (FPrPA)	204	4.58	"	146	ND	139	25-150		0.842	30	
3-Perfluoropentyl propanoic acid (FPePA)	745	22.9	"	732	ND	102	25-150		9.39	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	698	22.9	"	732	ND	95.4	25-150		17.4	30	
N-MeFOSE	347	18.3	"	366	ND	94.9	25-150		4.28	30	
N-MeFOSA	32.7	1.83	"	36.6	ND	89.4	25-150		2.16	30	
N-EtFOSE	328	18.3	"	366	ND	89.6	25-150		4.01	30	
N-EtFOSA	29.7	1.83	"	36.6	ND	81.2	25-150		14.7	30	
Surrogate: M3PFBS	*27.9*		*"*	*21.3*		*131*	*25-150*				
Surrogate: M5PFHxA	*27.7*		*"*	*22.9*		*121*	*25-150*				
Surrogate: M4PFHpA	*26.2*		*"*	*22.9*		*115*	*25-150*				
Surrogate: M3PFHxS	*25.3*		*"*	*21.7*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*23.4*		*"*	*22.9*		*102*	*25-150*				
Surrogate: M6PFDA	*14.2*		*"*	*11.4*		*124*	*25-150*				
Surrogate: M7PFUdA	*13.3*		*"*	*11.4*		*116*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.6*		*"*	*11.4*		*110*	*25-150*				
Surrogate: M2PFTeDA	*8.95*		*"*	*11.4*		*78.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*60.7*		*"*	*91.5*		*66.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.9*		*"*	*21.9*		*145*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*56.1*		*"*	*45.8*		*123*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*52.1*		*"*	*22.9*		*228*	*10-150*				
Surrogate: d3-N-MeFOSAA	*91.9*		*"*	*45.8*		*201*	*25-150*				
Surrogate: d5-N-EtFOSAA	*101*		*"*	*45.8*		*221*	*25-150*				
Surrogate: M2-6:2 FTS	*51.9*		*"*	*43.5*		*119*	*25-200*				
Surrogate: M2-8:2 FTS	*43.8*		*"*	*43.9*		*99.7*	*25-200*				
Surrogate: M9PFNA	*12.2*		*"*	*11.4*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*81.9*		*"*	*42.9*		*191*	*25-150*				
Surrogate: d-N-MeFOSA	*33.3*		*"*	*22.9*		*146*	*25-150*				
Surrogate: d-N-EtFOSA	*34.3*		*"*	*22.9*		*150*	*25-150*				
Surrogate: M3HFPO-DA	*101*		*"*	*91.5*		*110*	*25-150*				
Surrogate: d9-N-EtFOSE	*413*		*"*	*229*		*181*	*25-150*				
Surrogate: d7-N-MeFOSE	*467*		*"*	*229*		*204*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1)											Prepared: 01/14/2025 Analyzed: 01/16/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.177	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.200	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.200	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.183	"								
Perfluorooctanoic acid (PFOA)	ND	0.200	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.186	"								
Perfluorononanoic acid (PFNA)	ND	0.200	"								
Perfluorodecanoic acid (PFDA)	ND	0.200	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.200	"								
Perfluorododecanoic acid (PFDoA)	ND	0.200	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.200	"								
N-MeFOSAA	ND	0.200	"								
N-EtFOSAA	ND	0.200	"								
Perfluoropentanoic acid (PFPeA)	ND	0.399	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.200	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.200	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.193	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.758	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.766	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.798	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.355	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.399	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.399	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.399	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.188	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.749	"								
HFPO-DA (Gen-X)	ND	0.798	"								
11CL-PF3OUdS	ND	0.754	"								
9CL-PF3ONS	ND	0.747	"								
ADONA	ND	0.754	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.194	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.192	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.998	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.99	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.99	"								
N-MeFOSE	ND	2.00	"								
N-MeFOSA	ND	0.200	"								
N-EtFOSE	ND	2.00	"								
N-EtFOSA	ND	0.200	"								
Surrogate: M3PFBS	*2.93*		"	*2.33*		*126*	*25-150*				
Surrogate: M5PFHxA	*3.03*		"	*2.50*		*122*	*25-150*				
Surrogate: M4PFHpA	*3.04*		"	*2.50*		*122*	*25-150*				
Surrogate: M3PFHxS	*3.06*		"	*2.37*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.77*		"	*2.50*		*111*	*25-150*				
Surrogate: M6PFDA	*1.36*		"	*1.25*		*109*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
Blank (BA50775-BLK1)								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Surrogate: M7PFUdA	*1.30*		*ug/kg wet*	*1.25*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.28*		*"*	*1.25*		*102*	*25-150*				
Surrogate: M2PFTeDA	*1.08*		*"*	*1.25*		*86.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.98*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.43*		*"*	*2.39*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.38*		*"*	*4.99*		*128*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		*"*	*2.50*		*94.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.52*		*"*	*4.99*		*90.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.63*		*"*	*4.99*		*92.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.86*		*"*	*4.75*		*81.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.73*		*"*	*4.79*		*77.8*	*25-200*				
Surrogate: M9PFNA	*1.50*		*"*	*1.25*		*120*	*25-150*				
Surrogate: M2-4:2 FTS	*4.21*		*"*	*4.68*		*89.9*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		*"*	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.77*		*"*	*2.50*		*71.1*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.98*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.5*		*"*	*25.0*		*74.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.1*		*"*	*25.0*		*68.6*	*25-150*				
LCS (BA50775-BS1)								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	3.21	0.177	ug/kg wet	3.54		90.6	50-150				
Perfluorohexanoic acid (PFHxA)	3.63	0.200	"	4.00		90.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.13	0.200	"	4.00		78.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.35	0.183	"	3.66		91.7	50-150				
Perfluorooctanoic acid (PFOA)	3.09	0.200	"	4.00		77.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.14	0.186	"	3.72		84.4	50-150				
Perfluorononanoic acid (PFNA)	2.84	0.200	"	4.00		70.9	50-150				
Perfluorodecanoic acid (PFDA)	3.69	0.200	"	4.00		92.4	50-150				
Perfluoroundecanoic acid (PFUnA)	3.19	0.200	"	4.00		79.8	50-150				
Perfluorododecanoic acid (PFDoA)	3.44	0.200	"	4.00		86.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.95	0.200	"	4.00		98.8	50-150				
Perfluorotetradecanoic acid (PFTA)	3.48	0.200	"	4.00		87.1	50-150				
N-MeFOSAA	3.96	0.200	"	4.00		99.0	50-150				
N-EtFOSAA	4.04	0.200	"	4.00		101	50-150				
Perfluoropentanoic acid (PFPeA)	7.11	0.400	"	8.00		88.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.66	0.200	"	4.00		91.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.24	0.200	"	3.82		84.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.74	0.193	"	3.86		71.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	12.6	0.760	"	15.2		82.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.1	0.768	"	15.4		91.7	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.7	0.800	"	16.0		91.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.86	0.356	"	7.12		82.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.86	0.400	"	8.00		85.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.25	0.400	"	8.00		90.6	50-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS1)								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	6.48	0.400	ug/kg wet	8.00		81.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.50	0.188	"	3.76		93.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.1	0.750	"	15.0		94.0	50-150				
HFPO-DA (Gen-X)	7.65	0.800	"	8.00		95.6	50-150				
11CL-PF3OUdS	4.40	0.756	"	7.56		58.2	50-150				
9CL-PF3ONS	5.72	0.748	"	7.48		76.4	50-150				
ADONA	6.85	0.756	"	7.56		90.6	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.68	0.194	"	3.88		69.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.45	0.192	"	3.84		89.8	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.3	1.00	"	16.0		121	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	69.4	5.00	"	80.0		86.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	64.4	5.00	"	80.0		80.5	50-150				
N-MeFOSE	41.6	2.00	"	40.0		104	50-150				
N-MeFOSA	3.86	0.200	"	4.00		96.6	50-150				
N-EtFOSE	35.4	2.00	"	40.0		88.5	50-150				
N-EtFOSA	3.85	0.200	"	4.00		96.3	50-150				
Surrogate: M3PFBS	*2.79*		"	*2.33*		*120*	*25-150*				
Surrogate: M5PFHxA	*2.91*		"	*2.50*		*116*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M3PFHxS	*2.79*		"	*2.37*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.97*		"	*2.50*		*119*	*25-150*				
Surrogate: M6PFDA	*1.18*		"	*1.25*		*94.2*	*25-150*				
Surrogate: M7PFUdA	*1.36*		"	*1.25*		*109*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.21*		"	*1.25*		*96.7*	*25-150*				
Surrogate: M2PFTeDA	*0.965*		"	*1.25*		*77.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.2*		"	*10.0*		*112*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.34*		"	*2.40*		*97.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.96*		"	*5.00*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.36*		"	*2.50*		*94.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.20*		"	*5.00*		*84.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.26*		"	*5.00*		*85.3*	*25-150*				
Surrogate: M2-6:2 FTS	*4.07*		"	*4.76*		*85.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.80*		"	*4.80*		*79.1*	*25-200*				
Surrogate: M9PFNA	*1.44*		"	*1.25*		*115*	*25-150*				
Surrogate: M2-4:2 FTS	*4.08*		"	*4.69*		*87.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.82*		"	*2.50*		*72.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		"	*2.50*		*64.0*	*25-150*				
Surrogate: M3HFPO-DA	*11.6*		"	*10.0*		*116*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.8*		"	*25.0*		*79.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.5*		"	*25.0*		*78.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS2)								Prepared: 01/14/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	0.308	0.176	ug/kg wet	0.353		87.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.307	0.199	"	0.398		77.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.277	0.199	"	0.398		69.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.289	0.182	"	0.365		79.2	50-150				
Perfluorooctanoic acid (PFOA)	0.290	0.199	"	0.398		72.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.418	0.185	"	0.371		113	50-150				
Perfluorononanoic acid (PFNA)	0.251	0.199	"	0.398		62.9	50-150				
Perfluorodecanoic acid (PFDA)	0.303	0.199	"	0.398		76.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.338	0.199	"	0.398		84.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.347	0.199	"	0.398		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.360	0.199	"	0.398		90.4	50-150				
Perfluorotetradecanoic acid (PFTA)	0.309	0.199	"	0.398		77.6	50-150				
N-MeFOSAA	0.346	0.199	"	0.398		86.8	50-150				
N-EtFOSAA	0.357	0.199	"	0.398		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	0.663	0.398	"	0.797		83.2	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.342	0.199	"	0.398		85.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.315	0.199	"	0.380		82.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.265	0.192	"	0.384		69.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.32	0.757	"	1.51		87.4	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.19	0.765	"	1.53		77.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.19	0.797	"	1.59		74.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.528	0.355	"	0.709		74.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.700	0.398	"	0.797		87.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.142	0.398	"	0.797		17.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.660	0.398	"	0.797		82.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.297	0.187	"	0.375		79.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.33	0.747	"	1.49		88.9	50-150				
HFPO-DA (Gen-X)	0.660	0.797	"	0.797		82.8	50-150				
11CL-PF3OUdS	0.371	0.753	"	0.753		49.2	50-150	Low Bias			
9CL-PF3ONS	0.478	0.745	"	0.745		64.2	50-150				
ADONA	0.606	0.753	"	0.753		80.5	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.170	0.193	"	0.386		44.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.473	0.191	"	0.382		124	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.40	0.996	"	1.59		87.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	6.28	4.98	"	7.97		78.8	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	4.53	4.98	"	7.97		56.9	50-150				
N-MeFOSE	3.89	1.99	"	3.98		97.7	50-150				
N-MeFOSA	0.406	0.199	"	0.398		102	50-150				
N-EtFOSE	3.71	1.99	"	3.98		93.2	50-150				
N-EtFOSA	0.273	0.199	"	0.398		68.4	50-150				
Surrogate: M3PFBS	*2.61*		*"*	*2.32*		*112*	*25-150*				
Surrogate: M5PFHxA	*2.72*		*"*	*2.49*		*109*	*25-150*				
Surrogate: M4PFHpA	*2.78*		*"*	*2.49*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.54*		*"*	*2.36*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.35*		*"*	*2.49*		*94.3*	*25-150*				
Surrogate: M6PFDA	*0.909*		*"*	*1.25*		*73.0*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50775 - EPA 1633 Prep											
LCS (BA50775-BS2)											
Surrogate: M7PFUdA	*0.916*		*ug/kg wet*	*1.25*		*73.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.868*		*"*	*1.25*		*69.7*	*25-150*				
Surrogate: M2PFTeDA	*0.737*		*"*	*1.25*		*59.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.548*		*"*	*9.96*		*5.50*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.55*		*"*	*2.39*		*64.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.34*		*"*	*4.98*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.71*		*"*	*2.49*		*68.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.27*		*"*	*4.98*		*65.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.35*		*"*	*4.98*		*67.3*	*25-150*				
Surrogate: M2-6:2 FTS	*3.49*		*"*	*4.74*		*73.6*	*25-200*				
Surrogate: M2-8:2 FTS	*3.05*		*"*	*4.78*		*63.8*	*25-200*				
Surrogate: M9PFNA	*1.21*		*"*	*1.25*		*97.4*	*25-150*				
Surrogate: M2-4:2 FTS	*3.77*		*"*	*4.67*		*80.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.40*		*"*	*2.49*		*56.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.29*		*"*	*2.49*		*51.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.1*		*"*	*9.96*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.4*		*"*	*24.9*		*57.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.2*		*"*	*24.9*		*60.9*	*25-150*				
Batch BA50815 - EPA 1633 Prep											
Blank (BA50815-BLK1)											
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50815 - EPA 1633 Prep											
Blank (BA50815-BLK1)											Prepared: 01/15/2025 Analyzed: 01/16/2025
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	ng/L								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*28.1*		"	*23.3*		*121*	*25-150*				
Surrogate: M5PFHxA	*30.4*		"	*25.0*		*121*	*25-150*				
Surrogate: M4PFHpA	*28.1*		"	*25.0*		*112*	*25-150*				
Surrogate: M3PFHxS	*29.3*		"	*23.7*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*31.0*		"	*25.0*		*124*	*25-150*				
Surrogate: M6PFDA	*17.0*		"	*12.5*		*136*	*25-150*				
Surrogate: M7PFUdA	*16.6*		"	*12.5*		*132*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.7*		"	*12.5*		*126*	*25-150*				
Surrogate: M2PFTeDA	*9.81*		"	*12.5*		*78.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.02*		"	*100*		*4.02*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.4*		"	*23.9*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*42.2*		"	*50.0*		*84.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.9*		"	*25.0*		*99.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.0*		"	*50.0*		*96.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*51.9*		"	*50.0*		*104*	*25-150*				
Surrogate: M2-6:2 FTS	*42.0*		"	*47.5*		*88.4*	*25-200*				
Surrogate: M2-8:2 FTS	*41.9*		"	*48.0*		*87.3*	*25-200*				
Surrogate: M9PFNA	*13.9*		"	*12.5*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*41.8*		"	*46.9*		*89.1*	*25-150*				
Surrogate: d-N-MeFOSA	*21.3*		"	*25.0*		*85.3*	*25-150*				
Surrogate: d-N-EtFOSA	*23.3*		"	*25.0*		*93.1*	*25-150*				
Surrogate: M3HFPO-DA	*115*		"	*100*		*115*	*25-150*				
Surrogate: d9-N-EtFOSE	*194*		"	*250*		*77.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*208*		"	*250*		*83.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50815 - EPA 1633 Prep											
LCS (BA50815-BS1)								Prepared: 01/15/2025 Analyzed: 01/16/2025			
Perfluorobutanesulfonic acid (PFBS)	37.4	1.77	ng/L	35.4		106	50-150				
Perfluorohexanoic acid (PFHxA)	40.1	2.00	"	40.0		100	50-150				
Perfluoroheptanoic acid (PFHpA)	43.2	2.00	"	40.0		108	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.2	1.83	"	36.6		104	50-150				
Perfluorooctanoic acid (PFOA)	38.4	2.00	"	40.0		96.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	34.2	1.86	"	37.2		92.0	50-150				
Perfluorononanoic acid (PFNA)	31.5	2.00	"	40.0		78.8	50-150				
Perfluorodecanoic acid (PFDA)	33.3	2.00	"	40.0		83.2	50-150				
Perfluoroundecanoic acid (PFUnA)	44.0	2.00	"	40.0		110	50-150				
Perfluorododecanoic acid (PFDoA)	41.3	2.00	"	40.0		103	50-150				
Perfluorotridecanoic acid (PFTrDA)	47.9	2.00	"	40.0		120	50-150				
Perfluorotetradecanoic acid (PFTA)	35.5	2.00	"	40.0		88.7	50-150				
N-MeFOSAA	41.4	2.00	"	40.0		104	50-150				
N-EtFOSAA	45.9	2.00	"	40.0		115	50-150				
Perfluoropentanoic acid (PFPeA)	83.5	4.00	"	80.0		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	45.0	2.00	"	40.0		112	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	34.9	1.91	"	38.2		91.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	35.4	1.93	"	38.6		91.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	150	7.60	"	152		98.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	159	7.68	"	154		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	140	8.00	"	160		87.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	73.0	3.56	"	71.2		102	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	62.6	4.00	"	80.0		78.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	15.7	4.00	"	80.0		19.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	97.3	4.00	"	80.0		122	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	38.8	1.88	"	37.6		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	155	7.50	"	150		103	50-150				
HFPO-DA (Gen-X)	85.5	8.00	"	80.0		107	50-150				
11CL-PF3OUdS	74.7	7.56	"	75.6		98.9	50-150				
9CL-PF3ONS	83.4	7.48	"	74.8		111	50-150				
ADONA	79.2	7.56	"	75.6		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	28.2	1.94	"	38.8		72.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	41.9	1.92	"	38.4		109	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	156	5.00	"	160		97.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	915	25.0	"	800		114	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	754	25.0	"	800		94.2	50-150				
N-MeFOSE	462	20.0	"	400		115	50-150				
N-MeFOSA	42.3	2.00	"	40.0		106	50-150				
N-EtFOSE	391	20.0	"	400		97.8	50-150				
N-EtFOSA	37.5	2.00	"	40.0		93.9	50-150				
Surrogate: M3PFBS	*25.8*		*"*	*23.3*		*111*	*25-150*				
Surrogate: M5PFHxA	*27.6*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*28.5*		*"*	*25.0*		*114*	*25-150*				
Surrogate: M3PFHxS	*27.6*		*"*	*23.7*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*26.5*		*"*	*25.0*		*106*	*25-150*				
Surrogate: M6PFDA	*14.0*		*"*	*12.5*		*112*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50815 - EPA 1633 Prep											
LCS (BA50815-BS1)								Prepared: 01/15/2025 Analyzed: 01/16/2025			
Surrogate: M7PFUdA	*12.0*		*ng/L*	*12.5*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.9*		*"*	*12.5*		*103*	*25-150*				
Surrogate: M2PFTeDA	*10.1*		*"*	*12.5*		*80.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.65*		*"*	*100*		*4.65*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*27.1*		*"*	*23.9*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*40.2*		*"*	*50.0*		*80.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.2*		*"*	*25.0*		*105*	*10-150*				
Surrogate: d3-N-MeFOSAA	*54.5*		*"*	*50.0*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.6*		*"*	*50.0*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*41.2*		*"*	*47.5*		*86.6*	*25-200*				
Surrogate: M2-8:2 FTS	*45.3*		*"*	*48.0*		*94.3*	*25-200*				
Surrogate: M9PFNA	*14.2*		*"*	*12.5*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*38.9*		*"*	*46.9*		*82.8*	*25-150*				
Surrogate: d-N-MeFOSA	*25.3*		*"*	*25.0*		*101*	*25-150*				
Surrogate: d-N-EtFOSA	*22.9*		*"*	*25.0*		*91.5*	*25-150*				
Surrogate: M3HFPO-DA	*114*		*"*	*100*		*114*	*25-150*				
Surrogate: d9-N-EtFOSE	*199*		*"*	*250*		*79.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*197*		*"*	*250*		*79.0*	*25-150*				
LCS (BA50815-BS2)								Prepared: 01/15/2025 Analyzed: 01/17/2025			
Perfluorobutanesulfonic acid (PFBS)	3.51	1.77	ng/L	3.54		99.1	50-150				
Perfluorohexanoic acid (PFHxA)	4.04	2.00	"	4.00		101	50-150				
Perfluoroheptanoic acid (PFHpA)	4.25	2.00	"	4.00		106	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.65	1.83	"	3.66		99.8	50-150				
Perfluorooctanoic acid (PFOA)	3.22	2.00	"	4.00		80.5	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.36	1.86	"	3.72		90.3	50-150				
Perfluorononanoic acid (PFNA)	3.38	2.00	"	4.00		84.6	50-150				
Perfluorodecanoic acid (PFDA)	3.32	2.00	"	4.00		83.1	50-150				
Perfluoroundecanoic acid (PFUnA)	4.01	2.00	"	4.00		100	50-150				
Perfluorododecanoic acid (PFDoA)	3.69	2.00	"	4.00		92.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.05	2.00	"	4.00		126	50-150				
Perfluorotetradecanoic acid (PFTA)	3.84	2.00	"	4.00		96.0	50-150				
N-MeFOSAA	4.39	2.00	"	4.00		110	50-150				
N-EtFOSAA	3.74	2.00	"	4.00		93.6	50-150				
Perfluoropentanoic acid (PFPeA)	7.89	4.00	"	8.00		98.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.23	2.00	"	4.00		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.97	1.91	"	3.82		104	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	2.22	1.93	"	3.86		57.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.3	7.60	"	15.2		93.8	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16.2	7.68	"	15.4		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	13.7	8.00	"	16.0		85.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.41	3.56	"	7.12		90.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.18	4.00	"	8.00		77.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.20	4.00	"	8.00		15.0	50-150	Low Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50815 - EPA 1633 Prep											
LCS (BA50815-BS2)								Prepared: 01/15/2025 Analyzed: 01/17/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	9.86	4.00	ng/L	8.00		123	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.62	1.88	"	3.76		96.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.2	7.50	"	15.0		101	50-150				
HFPO-DA (Gen-X)	8.26	8.00	"	8.00		103	50-150				
11CL-PF3OUdS	6.47	7.56	"	7.56		85.6	50-150				
9CL-PF3ONS	7.56	7.48	"	7.48		101	50-150				
ADONA	7.57	7.56	"	7.56		100	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.22	1.94	"	3.88		83.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.95	1.92	"	3.84		129	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.0	5.00	"	16.0		87.2	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	80.9	25.0	"	80.0		101	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	70.9	25.0	"	80.0		88.7	50-150				
N-MeFOSE	39.8	20.0	"	40.0		99.6	50-150				
N-MeFOSA	4.46	2.00	"	4.00		111	50-150				
N-EtFOSE	36.9	20.0	"	40.0		92.2	50-150				
N-EtFOSA	3.01	2.00	"	4.00		75.3	50-150				
Surrogate: M3PFBS	*26.4*		*"*	*23.3*		*113*	*25-150*				
Surrogate: M5PFHxA	*30.2*		*"*	*25.0*		*121*	*25-150*				
Surrogate: M4PFHpA	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M3PFHxS	*28.5*		*"*	*23.7*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*30.6*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M6PFDA	*15.8*		*"*	*12.5*		*127*	*25-150*				
Surrogate: M7PFUdA	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.5*		*"*	*12.5*		*116*	*25-150*				
Surrogate: M2PFTeDA	*11.5*		*"*	*12.5*		*92.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.77*		*"*	*100*		*3.77*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.3*		*"*	*23.9*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*38.6*		*"*	*50.0*		*77.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*26.3*		*"*	*25.0*		*105*	*10-150*				
Surrogate: d3-N-MeFOSAA	*52.5*		*"*	*50.0*		*105*	*25-150*				
Surrogate: d5-N-EtFOSAA	*55.0*		*"*	*50.0*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*38.5*		*"*	*47.5*		*80.9*	*25-200*				
Surrogate: M2-8:2 FTS	*43.6*		*"*	*48.0*		*90.9*	*25-200*				
Surrogate: M9PFNA	*16.3*		*"*	*12.5*		*131*	*25-150*				
Surrogate: M2-4:2 FTS	*38.5*		*"*	*46.9*		*82.1*	*25-150*				
Surrogate: d-N-MeFOSA	*23.6*		*"*	*25.0*		*94.3*	*25-150*				
Surrogate: d-N-EtFOSA	*22.1*		*"*	*25.0*		*88.2*	*25-150*				
Surrogate: M3HFPO-DA	*126*		*"*	*100*		*126*	*25-150*				
Surrogate: d9-N-EtFOSE	*190*		*"*	*250*		*75.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*227*		*"*	*250*		*90.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50941 - EPA 1633 Prep											
Blank (BA50941-BLK1)											Prepared: 01/16/2025 Analyzed: 01/17/2025
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.181	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.184	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.396	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.752	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.760	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.792	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.352	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.396	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.396	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.396	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.186	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.743	"								
HFPO-DA (Gen-X)	ND	0.792	"								
11CL-PF3OUdS	ND	0.749	"								
9CL-PF3ONS	ND	0.741	"								
ADONA	ND	0.749	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.990	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.95	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.95	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.47*		"	*2.31*		*107*	*25-150*				
Surrogate: M5PFHxA	*2.74*		"	*2.48*		*111*	*25-150*				
Surrogate: M4PFHpA	*2.57*		"	*2.48*		*104*	*25-150*				
Surrogate: M3PFHxS	*2.30*		"	*2.35*		*97.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.71*		"	*2.48*		*110*	*25-150*				
Surrogate: M6PFDA	*1.06*		"	*1.24*		*85.6*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50941 - EPA 1633 Prep											
Blank (BA50941-BLK1)								Prepared: 01/16/2025 Analyzed: 01/17/2025			
Surrogate: M7PFUdA	*0.980*		*ug/kg wet*	*1.24*		*79.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.779*		*"*	*1.24*		*62.9*	*25-150*				
Surrogate: M2PFTeDA	*0.810*		*"*	*1.24*		*65.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.80*		*"*	*9.90*		*68.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.83*		*"*	*2.37*		*77.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.68*		*"*	*4.95*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.82*		*"*	*2.48*		*73.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.21*		*"*	*4.95*		*64.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.26*		*"*	*4.95*		*65.8*	*25-150*				
Surrogate: M2-6:2 FTS	*3.21*		*"*	*4.71*		*68.2*	*25-200*				
Surrogate: M2-8:2 FTS	*2.75*		*"*	*4.75*		*57.9*	*25-200*				
Surrogate: M9PFNA	*1.18*		*"*	*1.24*		*95.4*	*25-150*				
Surrogate: M2-4:2 FTS	*3.57*		*"*	*4.64*		*76.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.53*		*"*	*2.48*		*61.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.53*		*"*	*2.48*		*61.9*	*25-150*				
Surrogate: M3HFPO-DA	*11.6*		*"*	*9.90*		*117*	*25-150*				
Surrogate: d9-N-EtFOSE	*15.0*		*"*	*24.8*		*60.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.9*		*"*	*24.8*		*56.2*	*25-150*				
LCS (BA50941-BS1)								Prepared: 01/16/2025 Analyzed: 01/17/2025			
Perfluorobutanesulfonic acid (PFBS)	3.56	0.176	ug/kg wet	3.52		101	50-150				
Perfluorohexanoic acid (PFHxA)	3.89	0.199	"	3.98		97.7	50-150				
Perfluoroheptanoic acid (PFHpA)	4.47	0.199	"	3.98		113	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.89	0.182	"	3.64		107	50-150				
Perfluorooctanoic acid (PFOA)	3.41	0.199	"	3.98		85.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.47	0.185	"	3.70		93.8	50-150				
Perfluorononanoic acid (PFNA)	2.91	0.199	"	3.98		73.2	50-150				
Perfluorodecanoic acid (PFDA)	3.37	0.199	"	3.98		84.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.91	0.199	"	3.98		98.3	50-150				
Perfluorododecanoic acid (PFDoA)	3.70	0.199	"	3.98		93.1	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.17	0.199	"	3.98		105	50-150				
Perfluorotetradecanoic acid (PFTA)	3.50	0.199	"	3.98		88.0	50-150				
N-MeFOSAA	4.24	0.199	"	3.98		107	50-150				
N-EtFOSAA	4.13	0.199	"	3.98		104	50-150				
Perfluoropentanoic acid (PFPeA)	8.09	0.398	"	7.95		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.35	0.199	"	3.98		109	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.67	0.199	"	3.80		96.7	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.05	0.192	"	3.84		79.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.7	0.755	"	15.1		97.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.9	0.763	"	15.3		97.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.3	0.795	"	15.9		96.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.75	0.354	"	7.08		95.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.40	0.398	"	7.95		93.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.49	0.398	"	7.95		31.3	50-150	Low Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50941 - EPA 1633 Prep											
LCS (BA50941-BS1)								Prepared: 01/16/2025 Analyzed: 01/17/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	7.70	0.398	ug/kg wet	7.95		96.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.02	0.187	"	3.74		108	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.3	0.746	"	14.9		103	50-150				
HFPO-DA (Gen-X)	7.46	0.795	"	7.95		93.8	50-150				
11CL-PF3OUdS	6.42	0.751	"	7.51		85.4	50-150				
9CL-PF3ONS	7.67	0.744	"	7.44		103	50-150				
ADONA	8.11	0.751	"	7.51		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.11	0.193	"	3.86		80.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.26	0.191	"	3.82		112	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	18.4	0.994	"	15.9		116	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	80.7	4.97	"	79.5		102	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	76.9	4.97	"	79.5		96.8	50-150				
N-MeFOSE	43.9	1.99	"	39.8		110	50-150				
N-MeFOSA	4.02	0.199	"	3.98		101	50-150				
N-EtFOSE	37.1	1.99	"	39.8		93.4	50-150				
N-EtFOSA	3.82	0.199	"	3.98		96.2	50-150				
Surrogate: M3PFBS	*2.59*		*"*	*2.32*		*112*	*25-150*				
Surrogate: M5PFHxA	*2.73*		*"*	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.55*		*"*	*2.49*		*103*	*25-150*				
Surrogate: M3PFHxS	*2.44*		*"*	*2.36*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.60*		*"*	*2.49*		*104*	*25-150*				
Surrogate: M6PFDA	*1.33*		*"*	*1.24*		*107*	*25-150*				
Surrogate: M7PFUdA	*1.15*		*"*	*1.24*		*92.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.07*		*"*	*1.24*		*85.8*	*25-150*				
Surrogate: M2PFTeDA	*1.06*		*"*	*1.24*		*85.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.26*		*"*	*9.94*		*12.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		*"*	*2.38*		*94.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.32*		*"*	*4.97*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.29*		*"*	*2.49*		*92.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.29*		*"*	*4.97*		*86.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.43*		*"*	*4.97*		*89.1*	*25-150*				
Surrogate: M2-6:2 FTS	*3.99*		*"*	*4.73*		*84.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.81*		*"*	*4.77*		*79.8*	*25-200*				
Surrogate: M9PFNA	*1.36*		*"*	*1.24*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*3.89*		*"*	*4.66*		*83.5*	*25-150*				
Surrogate: d-N-MeFOSA	*2.02*		*"*	*2.49*		*81.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.94*		*"*	*2.49*		*78.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.1*		*"*	*24.9*		*73.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.6*		*"*	*24.9*		*70.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50941 - EPA 1633 Prep											
LCS (BA50941-BS2)								Prepared: 01/16/2025 Analyzed: 01/17/2025			
Perfluorobutanesulfonic acid (PFBS)	0.379	0.176	ug/kg wet	0.353		107	50-150				
Perfluorohexanoic acid (PFHxA)	0.414	0.199	"	0.398		104	50-150				
Perfluoroheptanoic acid (PFHpA)	0.433	0.199	"	0.398		109	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.404	0.182	"	0.365		111	50-150				
Perfluorooctanoic acid (PFOA)	0.384	0.199	"	0.398		96.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.440	0.185	"	0.371		119	50-150				
Perfluorononanoic acid (PFNA)	0.267	0.199	"	0.398		67.1	50-150				
Perfluorodecanoic acid (PFDA)	0.382	0.199	"	0.398		96.0	50-150				
Perfluoroundecanoic acid (PFUnA)	0.419	0.199	"	0.398		105	50-150				
Perfluorododecanoic acid (PFDoA)	0.461	0.199	"	0.398		116	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.348	0.199	"	0.398		87.3	50-150				
Perfluorotetradecanoic acid (PFTA)	0.367	0.199	"	0.398		92.0	50-150				
N-MeFOSAA	0.446	0.199	"	0.398		112	50-150				
N-EtFOSAA	0.437	0.199	"	0.398		110	50-150				
Perfluoropentanoic acid (PFPeA)	0.822	0.398	"	0.797		103	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.510	0.199	"	0.398		128	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.450	0.199	"	0.380		118	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.315	0.192	"	0.384		82.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.77	0.757	"	1.51		117	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.83	0.765	"	1.53		119	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.71	0.797	"	1.59		107	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.727	0.355	"	0.709		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.636	0.398	"	0.797		79.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.392	0.398	"	0.797		49.2	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	0.827	0.398	"	0.797		104	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.490	0.187	"	0.375		131	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.62	0.747	"	1.49		108	50-150				
HFPO-DA (Gen-X)	0.951	0.797	"	0.797		119	50-150				
11CL-PF3OUdS	0.386	0.753	"	0.753		51.2	50-150				
9CL-PF3ONS	0.520	0.745	"	0.745		69.8	50-150				
ADONA	0.713	0.753	"	0.753		94.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.394	0.193	"	0.386		102	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.337	0.191	"	0.382		88.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.95	0.996	"	1.59		123	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	8.10	4.98	"	7.97		102	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	7.18	4.98	"	7.97		90.2	50-150				
N-MeFOSE	4.18	1.99	"	3.98		105	50-150				
N-MeFOSA	0.615	0.199	"	0.398		154	50-150	High Bias			
N-EtFOSE	4.15	1.99	"	3.98		104	50-150				
N-EtFOSA	0.444	0.199	"	0.398		112	50-150				
Surrogate: M3PFBS	*2.41*		*"*	*2.32*		*104*	*25-150*				
Surrogate: M5PFHxA	*2.46*		*"*	*2.49*		*98.7*	*25-150*				
Surrogate: M4PFHpA	*2.53*		*"*	*2.49*		*102*	*25-150*				
Surrogate: M3PFHxS	*2.15*		*"*	*2.36*		*91.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.20*		*"*	*2.49*		*88.4*	*25-150*				
Surrogate: M6PFDA	*0.988*		*"*	*1.25*		*79.3*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50941 - EPA 1633 Prep											
LCS (BA50941-BS2)									Prepared: 01/16/2025 Analyzed: 01/17/2025		
Surrogate: M7PFUdA	*0.808*		*ug/kg wet*	*1.25*		*64.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.701*		*"*	*1.25*		*56.3*	*25-150*				
Surrogate: M2PFTeDA	*0.828*		*"*	*1.25*		*66.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.04*		*"*	*9.96*		*40.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.52*		*"*	*2.39*		*63.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.80*		*"*	*4.98*		*96.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.63*		*"*	*2.49*		*65.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.70*		*"*	*4.98*		*54.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.90*		*"*	*4.98*		*58.3*	*25-150*				
Surrogate: M2-6:2 FTS	*2.86*		*"*	*4.74*		*60.4*	*25-200*				
Surrogate: M2-8:2 FTS	*2.39*		*"*	*4.78*		*50.1*	*25-200*				
Surrogate: M9PFNA	*1.07*		*"*	*1.25*		*85.8*	*25-150*				
Surrogate: M2-4:2 FTS	*3.48*		*"*	*4.67*		*74.4*	*25-150*				
Surrogate: d-N-MeFOSA	*1.28*		*"*	*2.49*		*51.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.24*		*"*	*2.49*		*49.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.3*		*"*	*9.96*		*103*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.4*		*"*	*24.9*		*49.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.0*		*"*	*24.9*		*48.4*	*25-150*				
Duplicate (BA50941-DUP1)	*Source sample: 25A0590-05 (SB007 (2IN -24IN))								Prepared: 01/16/2025 Analyzed: 01/17/2025		
Perfluorobutanesulfonic acid (PFBS)	ND	0.213	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.241	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.241	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.220	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.241	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.224	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.241	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.241	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.241	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.241	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.241	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.241	"		ND					30	
N-MeFOSAA	ND	0.241	"		ND					30	
N-EtFOSAA	ND	0.241	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.482	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.241	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.241	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.232	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.915	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.925	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.963	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.429	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.482	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.482	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50941 - EPA 1633 Prep											
Duplicate (BA50941-DUP1)	*Source sample: 25A0590-05 (SB007 (2IN -24IN))								Prepared: 01/16/2025 Analyzed: 01/17/2025		
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.482	ug/kg dry		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.226	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.903	"		ND					30	
HFPO-DA (Gen-X)	ND	0.963	"		ND					30	
11CL-PF3OUdS	ND	0.910	"		ND					30	
9CL-PF3ONS	ND	0.901	"		ND					30	
ADONA	ND	0.910	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.234	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.231	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.20	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	6.02	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	6.02	"		ND					30	
N-MeFOSE	ND	2.41	"		ND					30	
N-MeFOSA	ND	0.241	"		ND					30	
N-EtFOSE	ND	2.41	"		ND					30	
N-EtFOSA	ND	0.241	"		ND					30	
Surrogate: M3PFBS	*3.30*		"	*2.81*		*118*	*25-150*				
Surrogate: M5PFHxA	*3.27*		"	*3.01*		*109*	*25-150*				
Surrogate: M4PFHpA	*3.32*		"	*3.01*		*110*	*25-150*				
Surrogate: M3PFHxS	*3.25*		"	*2.85*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.19*		"	*3.01*		*106*	*25-150*				
Surrogate: M6PFDA	*1.62*		"	*1.51*		*107*	*25-150*				
Surrogate: M7PFUdA	*1.45*		"	*1.51*		*96.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.30*		"	*1.51*		*86.1*	*25-150*				
Surrogate: M2PFTeDA	*1.15*		"	*1.51*		*76.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.01*		"	*12.0*		*16.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.59*		"	*2.88*		*89.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*6.83*		"	*6.02*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.63*		"	*3.01*		*87.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.11*		"	*6.02*		*84.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.34*		"	*6.02*		*88.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.71*		"	*5.73*		*82.2*	*25-200*				
Surrogate: M2-8:2 FTS	*4.36*		"	*5.78*		*75.5*	*25-200*				
Surrogate: M9PFNA	*1.68*		"	*1.51*		*112*	*25-150*				
Surrogate: M2-4:2 FTS	*4.83*		"	*5.65*		*85.5*	*25-150*				
Surrogate: d-N-MeFOSA	*2.05*		"	*3.01*		*68.2*	*25-150*				
Surrogate: d-N-EtFOSA	*2.10*		"	*3.01*		*69.8*	*25-150*				
Surrogate: M3HFPO-DA	*13.5*		"	*12.0*		*112*	*25-150*				
Surrogate: d9-N-EtFOSE	*20.2*		"	*30.1*		*67.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.2*		"	*30.1*		*63.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
Blank (BA51086-BLK1)											Prepared: 01/18/2025 Analyzed: 01/20/2025
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	4.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.68	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.56	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	7.50	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	7.56	"								
9CL-PF3ONS	ND	7.48	"								
ADONA	ND	7.56	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	ND	2.00	"								
Surrogate: M3PFBS	*29.2*		*"*	*23.3*		*125*	*25-150*				
Surrogate: M5PFHxA	*28.8*		*"*	*25.0*		*115*	*25-150*				
Surrogate: M4PFHpA	*29.0*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M3PFHxS	*31.4*		*"*	*23.7*		*132*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.2*		*"*	*25.0*		*137*	*25-150*				
Surrogate: M6PFDA	*15.8*		*"*	*12.5*		*127*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
Blank (BA51086-BLK1)											
Surrogate: M7PFUdA	*14.4*		*ng/L*	*12.5*		*115*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.0*		*"*	*12.5*		*95.9*	*25-150*				
Surrogate: M2PFTeDA	*9.15*		*"*	*12.5*		*73.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.06*		*"*	*100*		*4.06*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*31.2*		*"*	*24.0*		*130*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*33.5*		*"*	*50.0*		*66.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.8*		*"*	*25.0*		*119*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.0*		*"*	*50.0*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*58.7*		*"*	*50.0*		*117*	*25-150*				
Surrogate: M2-6:2 FTS	*53.1*		*"*	*47.6*		*112*	*25-200*				
Surrogate: M2-8:2 FTS	*48.2*		*"*	*48.0*		*100*	*25-200*				
Surrogate: M9PFNA	*13.3*		*"*	*12.5*		*106*	*25-150*				
Surrogate: M2-4:2 FTS	*46.2*		*"*	*46.9*		*98.5*	*25-150*				
Surrogate: d-N-MeFOSA	*24.5*		*"*	*25.0*		*97.9*	*25-150*				
Surrogate: d-N-EtFOSA	*22.0*		*"*	*25.0*		*87.9*	*25-150*				
Surrogate: M3HFPO-DA	*97.4*		*"*	*100*		*97.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*243*		*"*	*250*		*97.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*243*		*"*	*250*		*97.2*	*25-150*				
Blank (BA51086-BLK2)											
Perfluorobutanesulfonic acid (PFBS)	ND	1.63	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	1.84	"								
Perfluoroheptanoic acid (PFHpA)	ND	1.84	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	1.69	"								
Perfluorooctanoic acid (PFOA)	ND	1.84	"								
Perfluorooctanesulfonic acid (PFOS)	ND	1.71	"								
Perfluorononanoic acid (PFNA)	ND	1.84	"								
Perfluorodecanoic acid (PFDA)	ND	1.84	"								
Perfluoroundecanoic acid (PFUnA)	ND	1.84	"								
Perfluorododecanoic acid (PFDoA)	ND	1.84	"								
Perfluorotridecanoic acid (PFTrDA)	ND	1.84	"								
Perfluorotetradecanoic acid (PFTA)	ND	1.84	"								
N-MeFOSAA	ND	1.84	"								
N-EtFOSAA	ND	1.84	"								
Perfluoropentanoic acid (PFPeA)	0.241	3.69	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.84	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.76	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.78	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	7.01	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	7.08	"								
Perfluoro-n-butanoic acid (PFBA)	ND	7.38	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.28	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.69	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.69	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
Blank (BA51086-BLK2)											Prepared: 01/18/2025 Analyzed: 01/20/2025
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.69	ng/L								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.73	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	6.91	"								
HFPO-DA (Gen-X)	ND	7.38	"								
11CL-PF3OUdS	ND	6.97	"								
9CL-PF3ONS	ND	6.90	"								
ADONA	ND	6.97	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	1.79	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.77	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.61	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	23.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	23.0	"								
N-MeFOSE	ND	18.4	"								
N-MeFOSA	ND	1.84	"								
N-EtFOSE	ND	18.4	"								
N-EtFOSA	ND	1.84	"								
Surrogate: M3PFBS	*28.2*		*"*	*21.5*		*131*	*25-150*				
Surrogate: M5PFHxA	*25.7*		*"*	*23.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*27.7*		*"*	*23.0*		*120*	*25-150*				
Surrogate: M3PFHxS	*28.7*		*"*	*21.9*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*28.6*		*"*	*23.0*		*124*	*25-150*				
Surrogate: M6PFDA	*15.5*		*"*	*11.5*		*135*	*25-150*				
Surrogate: M7PFUdA	*14.0*		*"*	*11.5*		*121*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.6*		*"*	*11.5*		*110*	*25-150*				
Surrogate: M2PFTeDA	*9.09*		*"*	*11.5*		*78.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.87*		*"*	*92.2*		*3.11*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*28.3*		*"*	*22.1*		*128*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*33.4*		*"*	*46.1*		*72.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*25.0*		*"*	*23.0*		*108*	*10-150*				
Surrogate: d3-N-MeFOSAA	*48.0*		*"*	*46.1*		*104*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.8*		*"*	*46.1*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*45.2*		*"*	*43.8*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*43.7*		*"*	*44.3*		*98.8*	*25-200*				
Surrogate: M9PFNA	*13.9*		*"*	*11.5*		*121*	*25-150*				
Surrogate: M2-4:2 FTS	*42.3*		*"*	*43.2*		*97.9*	*25-150*				
Surrogate: d-N-MeFOSA	*21.3*		*"*	*23.0*		*92.5*	*25-150*				
Surrogate: d-N-EtFOSA	*18.5*		*"*	*23.0*		*80.4*	*25-150*				
Surrogate: M3HFPO-DA	*89.2*		*"*	*92.2*		*96.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*198*		*"*	*230*		*85.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*198*		*"*	*230*		*86.1*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
LCS (BA51086-BS1)								Prepared: 01/18/2025 Analyzed: 01/20/2025			
Perfluorobutanesulfonic acid (PFBS)	37.5	1.77	ng/L	35.4		106	50-150				
Perfluorohexanoic acid (PFHxA)	40.4	2.00	"	40.0		101	50-150				
Perfluoroheptanoic acid (PFHpA)	41.0	2.00	"	40.0		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	38.3	1.83	"	36.6		105	50-150				
Perfluorooctanoic acid (PFOA)	30.7	2.00	"	40.0		76.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	34.4	1.86	"	37.2		92.4	50-150				
Perfluorononanoic acid (PFNA)	35.5	2.00	"	40.0		88.7	50-150				
Perfluorodecanoic acid (PFDA)	36.9	2.00	"	40.0		92.2	50-150				
Perfluoroundecanoic acid (PFUnA)	41.6	2.00	"	40.0		104	50-150				
Perfluorododecanoic acid (PFDoA)	36.7	2.00	"	40.0		91.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	53.9	2.00	"	40.0		135	50-150				
Perfluorotetradecanoic acid (PFTA)	35.8	2.00	"	40.0		89.6	50-150				
N-MeFOSAA	43.7	2.00	"	40.0		109	50-150				
N-EtFOSAA	47.4	2.00	"	40.0		119	50-150				
Perfluoropentanoic acid (PFPeA)	89.1	4.00	"	80.0		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	40.5	2.00	"	40.0		101	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	36.3	1.91	"	38.2		94.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	33.0	1.93	"	38.6		85.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	132	7.60	"	152		87.0	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	159	7.68	"	154		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	174	8.00	"	160		109	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	70.8	3.56	"	71.2		99.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	56.4	4.00	"	80.0		70.5	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	19.5	4.00	"	80.0		24.4	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	110	4.00	"	80.0		137	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	37.0	1.88	"	37.6		98.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	154	7.50	"	150		102	50-150				
HFPO-DA (Gen-X)	86.9	8.00	"	80.0		109	50-150				
11CL-PF3OUdS	79.5	7.56	"	75.6		105	50-150				
9CL-PF3ONS	100	7.48	"	74.8		134	50-150				
ADONA	108	7.56	"	75.6		142	50-150				
Perfluorododecanesulfonic acid (PFDoS)	27.9	1.94	"	38.8		71.8	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	39.5	1.92	"	38.4		103	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	166	5.00	"	160		104	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	926	25.0	"	800		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	895	25.0	"	800		112	50-150				
N-MeFOSE	439	20.0	"	400		110	50-150				
N-MeFOSA	44.6	2.00	"	40.0		112	50-150				
N-EtFOSE	364	20.0	"	400		91.0	50-150				
N-EtFOSA	30.8	2.00	"	40.0		76.9	50-150				
Surrogate: M3PFBS	*32.0*		*"*	*23.3*		*137*	*25-150*				
Surrogate: M5PFHxA	*34.7*		*"*	*25.0*		*139*	*25-150*				
Surrogate: M4PFHpA	*35.6*		*"*	*25.0*		*142*	*25-150*				
Surrogate: M3PFHxS	*34.8*		*"*	*23.7*		*147*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*41.1*		*"*	*25.0*		*164*	*25-150*				
Surrogate: M6PFDA	*17.4*		*"*	*12.5*		*139*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
LCS (BA51086-BS1)								Prepared: 01/18/2025 Analyzed: 01/20/2025			
Surrogate: M7PFUdA	*19.5*		*ng/L*	*12.5*		*156*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*18.4*		*"*	*12.5*		*147*	*25-150*				
Surrogate: M2PFTeDA	*12.3*		*"*	*12.5*		*98.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.46*		*"*	*100*		*5.46*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.1*		*"*	*24.0*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*42.8*		*"*	*50.0*		*85.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*30.9*		*"*	*25.0*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.9*		*"*	*50.0*		*120*	*25-150*				
Surrogate: d5-N-EtFOSAA	*57.0*		*"*	*50.0*		*114*	*25-150*				
Surrogate: M2-6:2 FTS	*60.0*		*"*	*47.6*		*126*	*25-200*				
Surrogate: M2-8:2 FTS	*56.0*		*"*	*48.0*		*117*	*25-200*				
Surrogate: M9PFNA	*17.6*		*"*	*12.5*		*140*	*25-150*				
Surrogate: M2-4:2 FTS	*54.2*		*"*	*46.9*		*116*	*25-150*				
Surrogate: d-N-MeFOSA	*24.5*		*"*	*25.0*		*97.9*	*25-150*				
Surrogate: d-N-EtFOSA	*23.8*		*"*	*25.0*		*95.3*	*25-150*				
Surrogate: M3HFPO-DA	*113*		*"*	*100*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*250*		*"*	*250*		*100*	*25-150*				
Surrogate: d7-N-MeFOSE	*256*		*"*	*250*		*102*	*25-150*				
LCS (BA51086-BS2)								Prepared: 01/18/2025 Analyzed: 01/20/2025			
Perfluorobutanesulfonic acid (PFBS)	3.72	1.77	ng/L	3.54		105	50-150				
Perfluorohexanoic acid (PFHxA)	4.45	2.00	"	4.00		111	50-150				
Perfluoroheptanoic acid (PFHpA)	4.65	2.00	"	4.00		116	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.57	1.83	"	3.66		97.5	50-150				
Perfluorooctanoic acid (PFOA)	3.65	2.00	"	4.00		91.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.92	1.86	"	3.72		105	50-150				
Perfluorononanoic acid (PFNA)	2.96	2.00	"	4.00		73.9	50-150				
Perfluorodecanoic acid (PFDA)	3.27	2.00	"	4.00		81.9	50-150				
Perfluoroundecanoic acid (PFUnA)	4.20	2.00	"	4.00		105	50-150				
Perfluorododecanoic acid (PFDoA)	4.59	2.00	"	4.00		115	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.60	2.00	"	4.00		165	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	4.52	2.00	"	4.00		113	50-150				
N-MeFOSAA	4.81	2.00	"	4.00		120	50-150				
N-EtFOSAA	4.23	2.00	"	4.00		106	50-150				
Perfluoropentanoic acid (PFPeA)	8.84	4.00	"	8.00		110	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.42	2.00	"	4.00		111	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.35	1.91	"	3.82		87.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	1.93	"	3.86		83.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	14.0	7.60	"	15.2		92.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	17.8	7.68	"	15.4		116	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.7	8.00	"	16.0		97.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.37	3.56	"	7.12		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.43	4.00	"	8.00		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.38	4.00	"	8.00		17.2	50-150	Low Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
LCS (BA51086-BS2)								Prepared: 01/18/2025 Analyzed: 01/20/2025			
Perfluoro-5-oxahexanoic acid (PFMBA)	11.4	4.00	ng/L	8.00		142	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	4.17	1.88	"	3.76		111	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16.8	7.50	"	15.0		112	50-150				
HFPO-DA (Gen-X)	12.2	8.00	"	8.00		153	50-150	High Bias			
11CL-PF3OUdS	7.68	7.56	"	7.56		102	50-150				
9CL-PF3ONS	9.28	7.48	"	7.48		124	50-150				
ADONA	9.95	7.56	"	7.56		132	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.82	1.94	"	3.88		72.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.11	1.92	"	3.84		107	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.5	5.00	"	16.0		90.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	94.9	25.0	"	80.0		119	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	95.2	25.0	"	80.0		119	50-150				
N-MeFOSE	43.7	20.0	"	40.0		109	50-150				
N-MeFOSA	4.11	2.00	"	4.00		103	50-150				
N-EtFOSE	36.8	20.0	"	40.0		92.0	50-150				
N-EtFOSA	4.68	2.00	"	4.00		117	50-150				
Surrogate: M3PFBS	*32.8*		"	*23.3*		*141*	*25-150*				
Surrogate: M5PFHxA	*31.2*		"	*25.0*		*125*	*25-150*				
Surrogate: M4PFHpA	*32.5*		"	*25.0*		*130*	*25-150*				
Surrogate: M3PFHxS	*34.4*		"	*23.7*		*145*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*35.6*		"	*25.0*		*143*	*25-150*				
Surrogate: M6PFDA	*16.2*		"	*12.5*		*130*	*25-150*				
Surrogate: M7PFUdA	*16.3*		"	*12.5*		*131*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*16.1*		"	*12.5*		*129*	*25-150*				
Surrogate: M2PFTeDA	*11.3*		"	*12.5*		*90.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*3.63*		"	*100*		*3.63*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*32.2*		"	*24.0*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*37.7*		"	*50.0*		*75.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.5*		"	*25.0*		*118*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.7*		"	*50.0*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*63.3*		"	*50.0*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*57.2*		"	*47.6*		*120*	*25-200*				
Surrogate: M2-8:2 FTS	*55.4*		"	*48.0*		*116*	*25-200*				
Surrogate: M9PFNA	*18.9*		"	*12.5*		*152*	*25-150*				
Surrogate: M2-4:2 FTS	*50.8*		"	*46.9*		*108*	*25-150*				
Surrogate: d-N-MeFOSA	*25.0*		"	*25.0*		*100*	*25-150*				
Surrogate: d-N-EtFOSA	*19.2*		"	*25.0*		*76.8*	*25-150*				
Surrogate: M3HFPO-DA	*111*		"	*100*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*257*		"	*250*		*103*	*25-150*				
Surrogate: d7-N-MeFOSE	*258*		"	*250*		*103*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
Matrix Spike (BA51086-MS1)	*Source sample: 25A0590-11RE1 (MW004)							Prepared: 01/18/2025 Analyzed: 01/20/2025			
Perfluorobutanesulfonic acid (PFBS)	3900	177	ng/L	3540	ND	110	25-150				
Perfluorohexanoic acid (PFHxA)	4320	200	"	4000	219	102	25-150				
Perfluoroheptanoic acid (PFHpA)	4390	200	"	4000	163	106	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4830	183	"	3660	971	106	25-150				
Perfluorooctanoic acid (PFOA)	3650	200	"	4000	165	87.0	25-150				
Perfluorooctanesulfonic acid (PFOS)	9900	186	"	3720	5700	113	25-150				
Perfluorononanoic acid (PFNA)	3520	200	"	4000	ND	87.9	25-150				
Perfluorodecanoic acid (PFDA)	3580	200	"	4000	ND	89.6	25-150				
Perfluoroundecanoic acid (PFUnA)	3790	200	"	4000	ND	94.8	25-150				
Perfluorododecanoic acid (PFDoA)	3990	200	"	4000	ND	99.8	25-150				
Perfluorotridecanoic acid (PFTrDA)	5770	200	"	4000	ND	144	25-150				
Perfluorotetradecanoic acid (PFTA)	3900	200	"	4000	ND	97.6	25-150				
N-MeFOSAA	4560	200	"	4000	ND	114	25-150				
N-EtFOSAA	4190	200	"	4000	ND	105	25-150				
Perfluoropentanoic acid (PFPeA)	9170	400	"	8000	246	112	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4240	200	"	4000	ND	106	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3500	191	"	3820	ND	91.5	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3190	193	"	3860	ND	82.7	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13800	760	"	15200	ND	90.9	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16400	768	"	15400	ND	107	25-150				
Perfluoro-n-butanoic acid (PFBA)	16400	800	"	16000	ND	102	25-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6990	356	"	7120	ND	98.1	25-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5880	400	"	8000	ND	73.5	25-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1730	400	"	8000	ND	21.6	25-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	10900	400	"	8000	ND	136	25-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3880	188	"	3760	ND	103	25-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	16600	750	"	15000	ND	110	25-150				
HFPO-DA (Gen-X)	9500	800	"	8000	ND	119	25-150				
11CL-PF3OUdS	7660	756	"	7560	ND	101	25-150				
9CL-PF3ONS	9980	748	"	7480	ND	133	25-150				
ADONA	11300	756	"	7560	ND	150	25-150				
Perfluorododecanesulfonic acid (PFDoS)	2550	194	"	3880	ND	65.7	25-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4010	192	"	3840	ND	104	25-150				
3-Perfluoropropyl propanoic acid (FPrPA)	15600	500	"	16000	ND	97.4	25-150				
3-Perfluoropentyl propanoic acid (FPePA)	88800	2500	"	80000	ND	111	25-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	86300	2500	"	80000	ND	108	25-150				
N-MeFOSE	45300	2000	"	40000	ND	113	25-150				
N-MeFOSA	4300	200	"	4000	ND	108	25-150				
N-EtFOSE	39200	2000	"	40000	ND	97.9	25-150				
N-EtFOSA	3280	200	"	4000	ND	81.9	25-150				
Surrogate: M3PFBS	*2590*		"	*2330*		*111*	*25-150*				
Surrogate: M5PFHxA	*3310*		"	*2500*		*132*	*25-150*				
Surrogate: M4PFHpA	*3010*		"	*2500*		*120*	*25-150*				
Surrogate: M3PFHxS	*2820*		"	*2370*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3440*		"	*2500*		*137*	*25-150*				
Surrogate: M6PFDA	*1630*		"	*1250*		*130*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
Matrix Spike (BA51086-MS1)	*Source sample: 25A0590-11RE1 (MW004)								Prepared: 01/18/2025 Analyzed: 01/20/2025		
Surrogate: M7PFUdA	*1660*		*ng/L*	*1250*		*133*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1470*		*"*	*1250*		*118*	*25-150*				
Surrogate: M2PFTeDA	*979*		*"*	*1250*		*78.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*443*		*"*	*10000*		*4.43*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3130*		*"*	*2400*		*131*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3860*		*"*	*5000*		*77.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2990*		*"*	*2500*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5640*		*"*	*5000*		*113*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5870*		*"*	*5000*		*117*	*25-150*				
Surrogate: M2-6:2 FTS	*4490*		*"*	*4760*		*94.3*	*25-200*				
Surrogate: M2-8:2 FTS	*4300*		*"*	*4800*		*89.6*	*25-200*				
Surrogate: M9PFNA	*1510*		*"*	*1250*		*121*	*25-150*				
Surrogate: M2-4:2 FTS	*4330*		*"*	*4690*		*92.3*	*25-150*				
Surrogate: d-N-MeFOSA	*2490*		*"*	*2500*		*99.6*	*25-150*				
Surrogate: d-N-EtFOSA	*2170*		*"*	*2500*		*87.0*	*25-150*				
Surrogate: M3HFPO-DA	*9970*		*"*	*10000*		*99.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*23500*		*"*	*25000*		*94.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*26200*		*"*	*25000*		*105*	*25-150*				
Matrix Spike Dup (BA51086-MSD1)	*Source sample: 25A0590-11RE1 (MW004)								Prepared: 01/18/2025 Analyzed: 01/20/2025		
Perfluorobutanesulfonic acid (PFBS)	3900	177	ng/L	3540	ND	110	25-150		0.157	35	
Perfluorohexanoic acid (PFHxA)	4350	200	"	4000	219	103	25-150		0.650	35	
Perfluoroheptanoic acid (PFHpA)	4550	200	"	4000	163	110	25-150		3.55	35	
Perfluorohexanesulfonic acid (PFHxS)	4860	183	"	3660	971	106	25-150		0.517	35	
Perfluorooctanoic acid (PFOA)	3580	200	"	4000	165	85.3	25-150		1.82	35	
Perfluorooctanesulfonic acid (PFOS)	9180	186	"	3720	5700	93.6	25-150		7.54	35	
Perfluorononanoic acid (PFNA)	3280	200	"	4000	ND	82.0	25-150		6.94	35	
Perfluorodecanoic acid (PFDA)	3410	200	"	4000	ND	85.2	25-150		5.06	35	
Perfluoroundecanoic acid (PFUnA)	3840	200	"	4000	ND	95.9	25-150		1.19	35	
Perfluorododecanoic acid (PFDoA)	3940	200	"	4000	ND	98.6	25-150		1.17	35	
Perfluorotridecanoic acid (PFTrDA)	5200	200	"	4000	ND	130	25-150		10.3	35	
Perfluorotetradecanoic acid (PFTA)	3840	200	"	4000	ND	96.0	25-150		1.66	35	
N-MeFOSAA	4720	200	"	4000	ND	118	25-150		3.32	35	
N-EtFOSAA	4750	200	"	4000	ND	119	25-150		12.4	35	
Perfluoropentanoic acid (PFPeA)	9330	400	"	8000	246	114	25-150		1.76	35	
Perfluoro-1-octanesulfonamide (FOSA)	4000	200	"	4000	ND	99.9	25-150		5.91	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	3390	191	"	3820	ND	88.8	25-150		2.97	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3330	193	"	3860	ND	86.3	25-150		4.31	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13600	760	"	15200	ND	89.3	25-150		1.80	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	16500	768	"	15400	ND	107	25-150		0.404	35	
Perfluoro-n-butanoic acid (PFBA)	17300	800	"	16000	ND	108	25-150		5.74	35	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7080	356	"	7120	ND	99.5	25-150		1.38	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	9170	400	"	8000	ND	115	25-150		43.7	30	Non-dir.
Perfluoro-4-oxapentanoic acid (PFMPA)	2160	400	"	8000	ND	27.0	25-150		22.2	30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51086 - EPA 1633 Prep											
Matrix Spike Dup (BA51086-MSD1)	*Source sample: 25A0590-11RE1 (MW004)								Prepared: 01/18/2025 Analyzed: 01/20/2025		
Perfluoro-5-oxahexanoic acid (PFMBA)	11100	400	ng/L	8000	ND	139	25-150		2.44	30	
Perfluoro-1-pentanesulfonate (PFPeS)	4030	188	"	3760	ND	107	25-150		3.94	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	17300	750	"	15000	ND	115	25-150		4.32	30	
HFPO-DA (Gen-X)	9110	800	"	8000	ND	114	25-150		4.19	30	
11CL-PF3OUdS	7590	756	"	7560	ND	100	25-150		0.874	30	
9CL-PF3ONS	9830	748	"	7480	ND	131	25-150		1.55	30	
ADONA	10500	756	"	7560	ND	138	25-150		7.94	30	
Perfluorododecanesulfonic acid (PFDoS)	2510	194	"	3880	ND	64.6	25-150		1.69	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	3780	192	"	3840	ND	98.3	25-150		5.91	30	
3-Perfluoropropyl propanoic acid (FPrPA)	17000	500	"	16000	ND	106	25-150		8.85	30	
3-Perfluoropentyl propanoic acid (FPePA)	88600	2500	"	80000	ND	111	25-150		0.290	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	86900	2500	"	80000	ND	109	25-150		0.680	30	
N-MeFOSE	43500	2000	"	40000	ND	109	25-150		4.02	30	
N-MeFOSA	3980	200	"	4000	ND	99.5	25-150		7.73	30	
N-EtFOSE	37400	2000	"	40000	ND	93.4	25-150		4.75	30	
N-EtFOSA	3450	200	"	4000	ND	86.3	25-150		5.22	30	
Surrogate: M3PFBS	*3420*		"	*2330*		*147*	*25-150*				
Surrogate: M5PFHxA	*3250*		"	*2500*		*130*	*25-150*				
Surrogate: M4PFHpA	*3080*		"	*2500*		*123*	*25-150*				
Surrogate: M3PFHxS	*3630*		"	*2370*		*153*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3730*		"	*2500*		*149*	*25-150*				
Surrogate: M6PFDA	*1770*		"	*1250*		*142*	*25-150*				
Surrogate: M7PFUdA	*1730*		"	*1250*		*138*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1690*		"	*1250*		*136*	*25-150*				
Surrogate: M2PFTeDA	*1090*		"	*1250*		*86.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*613*		"	*10000*		*6.13*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3410*		"	*2400*		*142*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3960*		"	*5000*		*79.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3140*		"	*2500*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5580*		"	*5000*		*112*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5870*		"	*5000*		*117*	*25-150*				
Surrogate: M2-6:2 FTS	*5510*		"	*4760*		*116*	*25-200*				
Surrogate: M2-8:2 FTS	*5190*		"	*4800*		*108*	*25-200*				
Surrogate: M9PFNA	*1840*		"	*1250*		*147*	*25-150*				
Surrogate: M2-4:2 FTS	*5530*		"	*4690*		*118*	*25-150*				
Surrogate: d-N-MeFOSA	*2640*		"	*2500*		*106*	*25-150*				
Surrogate: d-N-EtFOSA	*2280*		"	*2500*		*91.2*	*25-150*				
Surrogate: M3HFPO-DA	*10600*		"	*10000*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*27600*		"	*25000*		*110*	*25-150*				
Surrogate: d7-N-MeFOSE	*31600*		"	*25000*		*127*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50757 - EPA 3550C											
Blank (BA50757-BLK1)								Prepared & Analyzed: 01/14/2025			
Tentatively Identified Compounds	0.00		ug/kg wet								
Batch BA50763 - EPA 3510C											
Blank (BA50763-BLK1)								Prepared: 01/14/2025 Analyzed: 01/15/2025			
Tentatively Identified Compounds	0.00		ug/L								
Batch BA50822 - EPA 3550C											
Blank (BA50822-BLK1)								Prepared & Analyzed: 01/15/2025			
1,1'-Biphenyl, pentachloro-	740		ug/kg wet								
1,2-Benzisothiazole-3-acetic a	746		"								
1,5-Dichloro-2,3-dinitrobenzen	399		"								
1.beta.-Hydroxyallobetul-2-ene	357		"								
2,5-Dimethoxy-4-methylamphetam	992		"								
2-Methyl-4-ethoxycarbonyl(3H)i	400		"								
3,5,9-Undecatrien-2-one, 6,10-	400		"								
3-Pentenoic acid, methyl ester	418		"								
4-Hydroxybenzylamine, di-PFP	761		"								
7H-Pyrazolo[4,3-d]pyrimidin-7-	849		"								
9,10-Anthracenedione, 2-methyl	678		"								
Acetamide, N-[2-[[2-[2-(2-nitr	470		"								
Benzene, 1-phenyl-4-(2-cyano-2	495		"								
Carbamodithioic acid, dibutyl-	572		"								
Crinamine, 11-O-acetyl-7-hydro	349		"								
Ethofumesate	367		"								
Oxazole-5-one, 4,5-dihydro-2-m	587		"								
Phenanthrene, 9-dodecyltetrade	573		"								
Picras-2-en-1-one, 11,13,16-tr	382		"								
Tetradecanoic acid, 2-hydroxy-	638		"								
Unknown (01)	447		"								
Unknown (02)	1120		"								

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50758 - EPA 3550C											
Blank (BA50758-BLK1)									Prepared & Analyzed: 01/14/2025		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.0664*		*97.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0587*		*"*	*0.0664*		*88.3*	*30-150*				
LCS (BA50758-BS1)									Prepared & Analyzed: 01/14/2025		
4,4'-DDD	0.0381	0.00164	mg/kg wet	0.0332		115	40-140				
4,4'-DDE	0.0365	0.00164	"	0.0332		110	40-140				
4,4'-DDT	0.0396	0.00164	"	0.0332		119	40-140				
Aldrin	0.0353	0.00164	"	0.0332		106	40-140				
alpha-BHC	0.0340	0.00164	"	0.0332		102	40-140				
alpha-Chlordane	0.0350	0.00164	"	0.0332		105	40-140				
beta-BHC	0.0341	0.00164	"	0.0332		103	40-140				
delta-BHC	0.0306	0.00164	"	0.0332		92.2	40-140				
Dieldrin	0.0372	0.00164	"	0.0332		112	40-140				
Endosulfan I	0.0378	0.00164	"	0.0332		114	40-140				
Endosulfan II	0.0398	0.00164	"	0.0332		120	40-140				
Endosulfan sulfate	0.0354	0.00164	"	0.0332		107	40-140				
Endrin	0.0394	0.00164	"	0.0332		119	40-140				
Endrin aldehyde	0.0376	0.00164	"	0.0332		113	40-140				
Endrin ketone	0.0408	0.00164	"	0.0332		123	40-140				
gamma-BHC (Lindane)	0.0329	0.00164	"	0.0332		99.0	40-140				
gamma-Chlordane	0.0344	0.00164	"	0.0332		104	40-140				
Heptachlor	0.0392	0.00164	"	0.0332		118	40-140				
Heptachlor epoxide	0.0355	0.00164	"	0.0332		107	40-140				
Methoxychlor	0.0437	0.00164	"	0.0332		131	40-140				
Surrogate: Decachlorobiphenyl	*0.0647*		*"*	*0.0664*		*97.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0600*		*"*	*0.0664*		*90.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50758 - EPA 3550C											
Matrix Spike (BA50758-MS1)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared & Analyzed: 01/14/2025			
4,4'-DDD	0.0345	0.00167	mg/kg dry	0.0337	ND	103	30-150				
4,4'-DDE	0.0324	0.00167	"	0.0337	ND	96.2	30-150				
4,4'-DDT	0.0357	0.00167	"	0.0337	ND	106	30-150				
Aldrin	0.0314	0.00167	"	0.0337	ND	93.2	30-150				
alpha-BHC	0.0304	0.00167	"	0.0337	ND	90.2	30-150				
alpha-Chlordane	0.0309	0.00167	"	0.0337	ND	91.8	30-150				
beta-BHC	0.0294	0.00167	"	0.0337	ND	87.3	30-150				
delta-BHC	0.0242	0.00167	"	0.0337	ND	72.0	30-150				
Dieldrin	0.0330	0.00167	"	0.0337	ND	98.2	30-150				
Endosulfan I	0.0336	0.00167	"	0.0337	ND	99.8	30-150				
Endosulfan II	0.0285	0.00167	"	0.0337	ND	84.6	30-150				
Endosulfan sulfate	0.0181	0.00167	"	0.0337	ND	53.6	30-150				
Endrin	0.0359	0.00167	"	0.0337	ND	107	30-150				
Endrin aldehyde	0.0190	0.00167	"	0.0337	ND	56.5	30-150				
Endrin ketone	0.0312	0.00167	"	0.0337	ND	92.6	30-150				
gamma-BHC (Lindane)	0.0298	0.00167	"	0.0337	ND	88.7	30-150				
gamma-Chlordane	0.0306	0.00167	"	0.0337	ND	90.8	30-150				
Heptachlor	0.0378	0.00167	"	0.0337	ND	112	30-150				
Heptachlor epoxide	0.0321	0.00167	"	0.0337	ND	95.4	30-150				
Methoxychlor	0.0301	0.00167	"	0.0337	ND	89.5	30-150				
Surrogate: Decachlorobiphenyl	*0.0562*		*"*	*0.0673*		*83.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0537*		*"*	*0.0673*		*79.8*	*30-150*				
Matrix Spike Dup (BA50758-MSD1)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared & Analyzed: 01/14/2025			
4,4'-DDD	0.0311	0.00167	mg/kg dry	0.0337	ND	92.3	30-150		10.5	30	
4,4'-DDE	0.0291	0.00167	"	0.0337	ND	86.4	30-150		10.7	30	
4,4'-DDT	0.0342	0.00167	"	0.0337	ND	102	30-150		4.37	30	
Aldrin	0.0279	0.00167	"	0.0337	ND	83.0	30-150		11.5	30	
alpha-BHC	0.0270	0.00167	"	0.0337	ND	80.3	30-150		11.6	30	
alpha-Chlordane	0.0275	0.00167	"	0.0337	ND	81.6	30-150		11.7	30	
beta-BHC	0.0265	0.00167	"	0.0337	ND	78.8	30-150		10.2	30	
delta-BHC	0.0227	0.00167	"	0.0337	ND	67.4	30-150		6.70	30	
Dieldrin	0.0296	0.00167	"	0.0337	ND	87.8	30-150		11.1	30	
Endosulfan I	0.0299	0.00167	"	0.0337	ND	89.0	30-150		11.5	30	
Endosulfan II	0.0266	0.00167	"	0.0337	ND	79.0	30-150		6.83	30	
Endosulfan sulfate	0.0178	0.00167	"	0.0337	ND	53.0	30-150		1.26	30	
Endrin	0.0321	0.00167	"	0.0337	ND	95.4	30-150		11.2	30	
Endrin aldehyde	0.0199	0.00167	"	0.0337	ND	59.2	30-150		4.79	30	
Endrin ketone	0.0298	0.00167	"	0.0337	ND	88.6	30-150		4.42	30	
gamma-BHC (Lindane)	0.0265	0.00167	"	0.0337	ND	78.8	30-150		11.7	30	
gamma-Chlordane	0.0269	0.00167	"	0.0337	ND	79.9	30-150		12.9	30	
Heptachlor	0.0336	0.00167	"	0.0337	ND	100	30-150		11.6	30	
Heptachlor epoxide	0.0285	0.00167	"	0.0337	ND	84.7	30-150		11.8	30	
Methoxychlor	0.0282	0.00167	"	0.0337	ND	83.9	30-150		6.49	30	
Surrogate: Decachlorobiphenyl	*0.0527*		*"*	*0.0673*		*78.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0485*		*"*	*0.0673*		*72.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50856 - EPA SW846-3510C Low Level											
Blank (BA50856-BLK1)								Prepared & Analyzed: 01/15/2025			
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0866*		*"*	*0.200*		*43.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0756*		*"*	*0.200*		*37.8*	*30-150*				
LCS (BA50856-BS1)								Prepared: 01/15/2025 Analyzed: 01/16/2025			
4,4'-DDD	0.0722	0.00400	ug/L	0.100		72.2	40-140			20	
4,4'-DDE	0.0676	0.00400	"	0.100		67.6	40-140			20	
4,4'-DDT	0.0860	0.00400	"	0.100		86.0	40-140			20	
Aldrin	0.0514	0.00400	"	0.100		51.4	40-140			20	
alpha-BHC	0.0576	0.00400	"	0.100		57.6	40-140			20	
alpha-Chlordane	0.0621	0.00400	"	0.100		62.1	40-140			20	
beta-BHC	0.0701	0.00400	"	0.100		70.1	40-140			20	
delta-BHC	0.0723	0.00400	"	0.100		72.3	40-140			20	
Dieldrin	0.0667	0.00200	"	0.100		66.7	40-140			20	
Endosulfan I	0.0684	0.00400	"	0.100		68.4	40-140			20	
Endosulfan II	0.0774	0.00400	"	0.100		77.4	40-140			20	
Endosulfan sulfate	0.0761	0.00400	"	0.100		76.1	40-140			20	
Endrin	0.0846	0.00400	"	0.100		84.6	40-140			20	
Endrin aldehyde	0.108	0.0100	"	0.100		108	40-140			20	
Endrin ketone	0.0866	0.0100	"	0.100		86.6	40-140			20	
gamma-BHC (Lindane)	0.0653	0.00400	"	0.100		65.3	40-140			20	
gamma-Chlordane	0.0634	0.0100	"	0.100		63.4	40-140			20	
Heptachlor	0.0663	0.00400	"	0.100		66.3	40-140			20	
Heptachlor epoxide	0.0679	0.00400	"	0.100		67.9	40-140			20	
Methoxychlor	0.0932	0.00400	"	0.100		93.2	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0871*		*"*	*0.200*		*43.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0990*		*"*	*0.200*		*49.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50856 - EPA SW846-3510C Low Level											
Matrix Spike (BA50856-MS1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/15/2025 Analyzed: 01/16/2025		
4,4'-DDD	0.0670	0.00400	ug/L	0.100	ND	67.0	30-150			20	
4,4'-DDE	0.0644	0.00400	"	0.100	ND	64.4	30-150			20	
4,4'-DDT	0.0852	0.00400	"	0.100	ND	85.2	30-150			20	
Aldrin	0.0543	0.00400	"	0.100	ND	54.3	30-150			20	
alpha-BHC	0.0567	0.00400	"	0.100	ND	56.7	30-150			20	
alpha-Chlordane	0.0596	0.00400	"	0.100	ND	59.6	30-150			20	
beta-BHC	0.0680	0.00400	"	0.100	ND	68.0	30-150			20	
delta-BHC	0.0704	0.00400	"	0.100	ND	70.4	30-150			20	
Dieldrin	0.0665	0.00200	"	0.100	0.00350	63.0	30-150			20	
Endosulfan I	0.0648	0.00400	"	0.100	ND	64.8	30-150			20	
Endosulfan II	0.0755	0.00400	"	0.100	ND	75.5	30-150			20	
Endosulfan sulfate	0.0808	0.00400	"	0.100	ND	80.8	30-150			20	
Endrin	0.0808	0.00400	"	0.100	ND	80.8	30-150			20	
Endrin aldehyde	0.109	0.0100	"	0.100	ND	109	30-150			20	
Endrin ketone	0.0897	0.0100	"	0.100	ND	89.7	30-150			20	
gamma-BHC (Lindane)	0.0609	0.00400	"	0.100	ND	60.9	30-150			20	
gamma-Chlordane	0.0597	0.0100	"	0.100	ND	59.7	30-150			20	
Heptachlor	0.116	0.00400	"	0.100	ND	116	30-150			20	
Heptachlor epoxide	0.0647	0.00400	"	0.100	ND	64.7	30-150			20	
Methoxychlor	0.0858	0.00400	"	0.100	ND	85.8	30-150			20	
Surrogate: Decachlorobiphenyl	*0.0904*		*"*	*0.200*		*45.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.200*		*52.6*	*30-150*				
Matrix Spike Dup (BA50856-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/15/2025 Analyzed: 01/16/2025		
4,4'-DDD	0.0676	0.00400	ug/L	0.100	ND	67.6	30-150		0.844	20	
4,4'-DDE	0.0651	0.00400	"	0.100	ND	65.1	30-150		1.14	20	
4,4'-DDT	0.0885	0.00400	"	0.100	ND	88.5	30-150		3.82	20	
Aldrin	0.0529	0.00400	"	0.100	ND	52.9	30-150		2.55	20	
alpha-BHC	0.0559	0.00400	"	0.100	ND	55.9	30-150		1.42	20	
alpha-Chlordane	0.0590	0.00400	"	0.100	ND	59.0	30-150		0.968	20	
beta-BHC	0.0671	0.00400	"	0.100	ND	67.1	30-150		1.30	20	
delta-BHC	0.0700	0.00400	"	0.100	ND	70.0	30-150		0.542	20	
Dieldrin	0.0674	0.00200	"	0.100	0.00350	63.9	30-150		1.29	20	
Endosulfan I	0.0647	0.00400	"	0.100	ND	64.7	30-150		0.241	20	
Endosulfan II	0.0776	0.00400	"	0.100	ND	77.6	30-150		2.79	20	
Endosulfan sulfate	0.0815	0.00400	"	0.100	ND	81.5	30-150		0.887	20	
Endrin	0.0811	0.00400	"	0.100	ND	81.1	30-150		0.472	20	
Endrin aldehyde	0.122	0.0100	"	0.100	ND	122	30-150		11.0	20	
Endrin ketone	0.0885	0.0100	"	0.100	ND	88.5	30-150		1.36	20	
gamma-BHC (Lindane)	0.0613	0.00400	"	0.100	ND	61.3	30-150		0.558	20	
gamma-Chlordane	0.0607	0.0100	"	0.100	ND	60.7	30-150		1.66	20	
Heptachlor	0.0874	0.00400	"	0.100	ND	87.4	30-150		28.4	20	Non-dir.
Heptachlor epoxide	0.0642	0.00400	"	0.100	ND	64.2	30-150		0.677	20	
Methoxychlor	0.0867	0.00400	"	0.100	ND	86.7	30-150		1.01	20	
Surrogate: Decachlorobiphenyl	*0.0929*		*"*	*0.200*		*46.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0978*		*"*	*0.200*		*48.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50758 - EPA 3550C											
Blank (BA50758-BLK2)								Prepared & Analyzed: 01/14/2025			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0542*		"	*0.0664*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0568*		"	*0.0664*		*85.5*	*30-120*				
LCS (BA50758-BS2)								Prepared & Analyzed: 01/14/2025			
Aroclor 1016	0.267	0.0166	mg/kg wet	0.332		80.3	40-130				
Aroclor 1260	0.270	0.0166	"	0.332		81.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0505*		"	*0.0664*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0538*		"	*0.0664*		*81.0*	*30-120*				
Matrix Spike (BA50758-MS2)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared & Analyzed: 01/14/2025			
Aroclor 1016	0.246	0.0168	mg/kg dry	0.337	ND	73.2	40-140				
Aroclor 1260	0.246	0.0168	"	0.337	ND	73.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0444*		"	*0.0673*		*66.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0481*		"	*0.0673*		*71.5*	*30-120*				
Matrix Spike Dup (BA50758-MSD2)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared & Analyzed: 01/14/2025			
Aroclor 1016	0.243	0.0168	mg/kg dry	0.337	ND	72.1	40-140		1.54	50	
Aroclor 1260	0.248	0.0168	"	0.337	ND	73.6	40-140		0.736	50	
Surrogate: Tetrachloro-m-xylene	*0.0458*		"	*0.0673*		*68.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0512*		"	*0.0673*		*76.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50856 - EPA SW846-3510C Low Level											
Blank (BA50856-BLK2)								Prepared & Analyzed: 01/15/2025			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0930*		*"*	*0.200*		*46.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0650*		*"*	*0.200*		*32.5*	*30-150*				
LCS (BA50856-BS2)								Prepared & Analyzed: 01/15/2025			
Aroclor 1016	0.663	0.0500	ug/L	1.00		66.3	40-120			20	
Aroclor 1260	0.612	0.0500	"	1.00		61.2	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.133*		*"*	*0.200*		*66.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.137*		*"*	*0.200*		*68.5*	*30-150*				
Matrix Spike (BA50856-MS2)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/15/2025			
Aroclor 1016	0.741	0.0500	ug/L	1.00	ND	74.1	40-140			20	
Aroclor 1260	0.791	0.0500	"	1.00	ND	79.1	40-140			20	
Surrogate: Tetrachloro-m-xylene	*0.134*		*"*	*0.200*		*67.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.185*		*"*	*0.200*		*92.5*	*30-150*				
Matrix Spike Dup (BA50856-MSD2)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/15/2025			
Aroclor 1016	0.644	0.0500	ug/L	1.00	ND	64.4	40-140		14.1	20	
Aroclor 1260	0.601	0.0500	"	1.00	ND	60.1	40-140		27.3	20	Non-dir.
Surrogate: Tetrachloro-m-xylene	*0.127*		*"*	*0.200*		*63.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0860*		*"*	*0.200*		*43.0*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50657 - EPA 3550C/8151A											
Blank (BA50657-BLK1)											Prepared: 01/13/2025 Analyzed: 01/14/2025
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.249*		*"*	*0.415*		*60.0*	*21-150*				
LCS (BA50657-BS1)											Prepared: 01/13/2025 Analyzed: 01/14/2025
2,4,5-T	0.0324	0.0199	mg/kg wet	0.0664		48.8	10-120				
2,4,5-TP (Silvex)	0.0473	0.0199	"	0.0664		71.2	10-120				
2,4-D	0.0349	0.0199	"	0.0664		52.5	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.326*		*"*	*0.415*		*78.6*	*21-150*				
Batch BA50675 - EPA 8151A											
Blank (BA50675-BLK1)											Prepared: 01/13/2025 Analyzed: 01/14/2025
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*103*		*"*	*125*		*82.2*	*30-150*				
LCS (BA50675-BS1)											Prepared: 01/13/2025 Analyzed: 01/14/2025
2,4,5-T	16.2	5.00	ug/L	20.0		81.2	10-140				
2,4,5-TP (Silvex)	15.5	5.00	"	20.0		77.5	10-139				
2,4-D	17.8	5.00	"	20.0		88.8	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*101*		*"*	*125*		*80.8*	*30-150*				
Matrix Spike (BA50675-MS1)	*Source sample: 25A0590-11 (MW004)										Prepared: 01/13/2025 Analyzed: 01/14/2025
2,4,5-T	14.0	5.00	ug/L	20.0	ND	70.0	30-150				
2,4,5-TP (Silvex)	13.2	5.00	"	20.0	ND	66.2	30-150				
2,4-D	15.5	5.00	"	20.0	ND	77.5	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*87.2*		*"*	*125*		*69.8*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50675 - EPA 8151A											
Matrix Spike Dup (BA50675-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/13/2025 Analyzed: 01/14/2025		
2,4,5-T	17.5	5.00	ug/L	20.0	ND	87.5	30-150		22.2	30	
2,4,5-TP (Silvex)	15.8	5.00	"	20.0	ND	78.8	30-150		17.2	30	
2,4-D	16.5	5.00	"	20.0	ND	82.5	30-150		6.25	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*90.0*		*"*	*125*		*72.0*	*30-150*				
Batch BA50765 - EPA 3550C/8151A											
Blank (BA50765-BLK1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.404*		*"*	*0.415*		*97.2*	*21-150*				
LCS (BA50765-BS1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
2,4,5-T	0.0556	0.0199	mg/kg wet	0.0664		83.7	10-120				
2,4,5-TP (Silvex)	0.0507	0.0199	"	0.0664		76.2	10-120				
2,4-D	0.0498	0.0199	"	0.0664		75.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.385*		*"*	*0.415*		*92.6*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50799 - EPA 3050B											
Blank (BA50799-BLK1)											Prepared: 01/14/2025 Analyzed: 01/15/2025
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	15.7	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	1.00	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Reference (BA50799-SRM1)											Prepared: 01/14/2025 Analyzed: 01/15/2025
Aluminum	6000	4.17	mg/kg wet	7680		78.1	35.7-119				
Antimony	73.0	2.08	"	244		29.9	0-125				
Arsenic	225	1.25	"	283		79.4	70-99.5				
Barium	290	2.08	"	326		88.9	73.9-107.1				
Beryllium	154	0.042	"	175		88.3	75.4-107.4				
Cadmium	77.2	0.250	"	95.8		80.6	72.3-103.7				
Calcium	4870	4.17	"	5470		89.1	79.5-113.2				
Chromium	214	0.417	"	239		89.4	72.4-106.3				
Cobalt	131	0.333	"	150		87.5	76-107.3				
Copper	202	1.67	"	217		93.2	74.6-105.1				
Iron	5720	20.8	"	7360		77.7	53-127.9				
Lead	174	0.417	"	210		82.8	75.7-109.5				
Magnesium	1730	4.17	"	2080		83.1	67.3-111.1				
Manganese	240	0.417	"	290		82.6	73.4-107.3				
Nickel	287	0.830	"	329		87.4	74.5-106.7				
Potassium	1880	4.17	"	2330		80.5	60.9-111.6				
Selenium	249	2.08	"	281		88.6	77.6-115.7				
Silver	67.3	0.420	"	82.7		81.4	73.8-111.7				
Sodium	360	41.7	"	427		84.2	71.2-118.7				
Thallium	106	1.00	"	123		86.5	70.2-104.9				
Vanadium	163	0.830	"	192		85.0	68.8-107.8				
Zinc	215	2.08	"	260		82.7	72.7-109.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50852 - EPA 3015A											
Blank (BA50852-BLK1)											Prepared & Analyzed: 01/15/2025
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA50852-BS1)											Prepared & Analyzed: 01/15/2025
Aluminum	1.98		ug/mL	2.00		99.0	80-120				
Barium	2.08		"	2.00		104	80-120				
Calcium	1.13		"	1.00		113	80-120				
Chromium	0.208		"	0.200		104	80-120				
Cobalt	0.524		"	0.500		105	80-120				
Copper	0.264		"	0.250		105	80-120				
Iron	0.982		"	1.00		98.2	80-120				
Lead	0.502		"	0.500		100	80-120				
Magnesium	1.01		"	1.00		101	80-120				
Manganese	0.522		"	0.500		104	80-120				
Nickel	0.530		"	0.500		106	80-120				
Potassium	1.06		"	1.00		106	80-120				
Silver	0.0507		"	0.0500		101	80-120				
Sodium	1.05		"	1.00		105	80-120				
Vanadium	0.510		"	0.500		102	80-120				
Zinc	0.512		"	0.500		102	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50852 - EPA 3015A											
Duplicate (BA50852-DUP1)	*Source sample: 25A0590-11 (MW004)								Prepared & Analyzed: 01/15/2025		
Aluminum	0.166	0.0556	mg/L		0.196				16.4	20	
Barium	0.0374	0.0278	"		0.0368				1.80	20	
Calcium	27.7	0.0556	"		27.4				1.31	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	0.00533	0.00444	"		0.00567				6.06	20	
Copper	ND	0.0222	"		ND					20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	7.97	0.0556	"		7.96				0.183	20	
Manganese	0.638	0.00556	"		0.630				1.26	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	2.68	0.0556	"		2.67				0.403	20	
Silver	ND	0.00556	"		ND					20	
Sodium	18.6	0.556	"		18.5				0.519	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0450	0.0278	"		ND					20	
Matrix Spike (BA50852-MS1)	*Source sample: 25A0590-11 (MW004)								Prepared & Analyzed: 01/15/2025		
Aluminum	2.41	0.0556	mg/L	2.22	0.196	99.6	75-125				
Barium	2.33	0.0278	"	2.22	0.0368	103	75-125				
Calcium	28.3	0.0556	"	1.11	27.4	85.7	75-125				
Chromium	0.231	0.00556	"	0.222	ND	104	75-125				
Cobalt	0.583	0.00444	"	0.556	0.00567	104	75-125				
Copper	0.295	0.0222	"	0.278	ND	106	75-125				
Iron	1.28	0.278	"	1.11	ND	115	75-125				
Lead	0.554	0.00556	"	0.556	ND	99.7	75-125				
Magnesium	9.06	0.0556	"	1.11	7.96	98.9	75-125				
Manganese	1.21	0.00556	"	0.556	0.630	105	75-125				
Nickel	0.578	0.0111	"	0.556	ND	104	75-125				
Potassium	3.74	0.0556	"	1.11	2.67	97.0	75-125				
Silver	0.0568	0.00556	"	0.0556	ND	102	75-125				
Sodium	19.4	0.556	"	1.11	18.5	79.0	75-125				
Vanadium	0.572	0.0111	"	0.556	ND	103	75-125				
Zinc	0.572	0.0278	"	0.556	ND	103	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50852 - EPA 3015A											
Post Spike (BA50852-PS1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/15/2025			
Aluminum	2.32		ug/mL	2.00	0.176	107	75-125				
Barium	2.23		"	2.00	0.0331	110	75-125				
Calcium	25.7		"	1.00	24.6	102	75-125				
Chromium	0.221		"	0.200	0.00280	109	75-125				
Cobalt	0.558		"	0.500	0.00510	111	75-125				
Copper	0.284		"	0.250	0.00260	112	75-125				
Iron	1.22		"	1.00	0.155	107	75-125				
Lead	0.529		"	0.500	0.00100	106	75-125				
Magnesium	8.28		"	1.00	7.16	112	75-125				
Manganese	1.12		"	0.500	0.567	111	75-125				
Nickel	0.557		"	0.500	0.00280	111	75-125				
Potassium	3.46		"	1.00	2.40	106	75-125				
Silver	0.0492		"	0.0500	0.000900	96.6	75-125				
Sodium	17.6		"	1.00	16.7	95.2	75-125				
Vanadium	0.549		"	0.500	0.000800	110	75-125				
Zinc	0.542		"	0.500	0.00920	106	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50767 - EPA 3015A											
Blank (BA50767-BLK1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BA50767-BS1)									Prepared: 01/14/2025 Analyzed: 01/15/2025		
Antimony	54.8		ug/L	50.0		110	80-120				
Arsenic	49.2		"	50.0		98.5	80-120				
Beryllium	51.2		"	50.0		102	80-120				
Cadmium	52.2		"	50.0		104	80-120				
Selenium	39.8		"	50.0		79.6	80-120	Low Bias			
Thallium	47.1		"	50.0		94.2	80-120				
Duplicate (BA50767-DUP1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/14/2025 Analyzed: 01/15/2025		
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA50767-MS1)	*Source sample: 25A0590-11 (MW004)								Prepared: 01/14/2025 Analyzed: 01/15/2025		
Antimony	57.5		ug/L	50.0	-0.128	115	75-125				
Arsenic	51.4		"	50.0	0.411	102	75-125				
Beryllium	45.5		"	50.0	0.022	90.9	75-125				
Cadmium	54.6		"	50.0	0.166	109	75-125				
Selenium	57.0		"	50.0	-1.00	114	75-125				
Thallium	46.7		"	50.0	0.141	93.1	75-125				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50868 - EPA SW846-7470A											
Blank (BA50868-BLK1)								Prepared & Analyzed: 01/15/2025			
Mercury	ND	0.0002	mg/L								
LCS (BA50868-BS1)								Prepared & Analyzed: 01/15/2025			
Mercury	0.0021201	0.0002	mg/L	0.00200		106	80-120				
Duplicate (BA50868-DUP1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/15/2025			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BA50868-MS1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/15/2025			
Mercury	0.0021	0.0002	mg/L	0.00200	ND	104	75-125				
Matrix Spike Dup (BA50868-MSD1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/15/2025			
Mercury	0.0020	0.0002	mg/L	0.00200	ND	101	75-125		2.96	200	
Batch BA50884 - EPA 7473 soil											
Blank (BA50884-BLK1)								Prepared: 01/15/2025 Analyzed: 01/16/2025			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA50884-DUP1)	*Source sample: 25A0590-03 (SB006 (6- 8 FT))							Prepared: 01/15/2025 Analyzed: 01/16/2025			
Mercury	ND	0.0310	mg/kg dry		ND					35	
Matrix Spike (BA50884-MS1)	*Source sample: 25A0590-03 (SB006 (6- 8 FT))							Prepared: 01/15/2025 Analyzed: 01/16/2025			
Mercury	0.239		mg/kg	0.500	0.0149	44.8	75-125	Low Bias			
Reference (BA50884-SRM1)								Prepared: 01/15/2025 Analyzed: 01/16/2025			
Mercury	20.940		mg/kg	24.0		87.2	55.8-109.6				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50885 - EPA 7473 soil											
Blank (BA50885-BLK1)										Prepared: 01/15/2025 Analyzed: 01/16/2025	
Mercury	ND	0.0300	mg/kg wet								
Reference (BA50885-SRM1)										Prepared: 01/15/2025 Analyzed: 01/16/2025	
Mercury	22.675		mg/kg	24.0		94.5	55.8-109.6				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50623 - Analysis Preparation											
Blank (BA50623-BLK1)								Prepared & Analyzed: 01/10/2025			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA50623-BS1)								Prepared & Analyzed: 01/10/2025			
Chromium, Hexavalent	0.494	0.0100	mg/L	0.500		98.8	85-115				
Duplicate (BA50623-DUP1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/10/2025			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA50623-MS1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/10/2025			
Chromium, Hexavalent	0.514	0.0100	mg/L	0.500	ND	103	85-115				
Matrix Spike Dup (BA50623-MSD1)	*Source sample: 25A0590-11 (MW004)							Prepared & Analyzed: 01/10/2025			
Chromium, Hexavalent	0.489	0.0100	mg/L	0.500	ND	97.8	85-115		4.99	200	
Batch BA50665 - Analysis Preparation Soil											
Blank (BA50665-BLK1)								Prepared & Analyzed: 01/13/2025			
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BA50665-SRM1)								Prepared & Analyzed: 01/13/2025			
Cyanide, total	128		ug/mL	111		115	43.5-170				
Batch BA50753 - Analysis Preparation Soil											
Blank (BA50753-BLK1)								Prepared & Analyzed: 01/14/2025			
Cyanide, total	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50753 - Analysis Preparation Soil											
Duplicate (BA50753-DUP1)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared & Analyzed: 01/14/2025			
Cyanide, total	ND	0.507	mg/kg dry		ND					15	
Matrix Spike (BA50753-MS1)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared & Analyzed: 01/14/2025			
Cyanide, total	5.20	0.507	mg/kg dry	5.07	ND	103	79.6-107				
Matrix Spike Dup (BA50753-MSD1)	*Source sample: 25A0590-06 (SB007 (6-8FT))							Prepared & Analyzed: 01/14/2025			
Cyanide, total	4.86	0.507	mg/kg dry	5.07	ND	96.0	79.6-107		6.69	200	
Reference (BA50753-SRM1)								Prepared & Analyzed: 01/14/2025			
Cyanide, total	140		ug/mL	111		127	43.5-170				
Batch BA50768 - EPA SW846-3060											
Blank (BA50768-BLK1)								Prepared & Analyzed: 01/14/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA50768-SRM1)								Prepared & Analyzed: 01/14/2025			
Chromium, Hexavalent	120		mg/L	227		53.1	42.3-157.7				
Batch BA50861 - EPA SW846-3060											
Blank (BA50861-BLK1)								Prepared & Analyzed: 01/15/2025			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA50861-DUP1)	*Source sample: 25A0590-07 (UICO11)							Prepared & Analyzed: 01/15/2025			
Chromium, Hexavalent	ND	0.533	mg/kg dry		ND					35	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA50861 - EPA SW846-3060											
Matrix Spike (BA50861-MS1)	*Source sample: 25A0590-07 (UICO11)								Prepared & Analyzed: 01/15/2025		
Chromium, Hexavalent	17.1	0.533	mg/kg dry	21.3	ND	80.2	75-125				
Matrix Spike Dup (BA50861-MSD1)	*Source sample: 25A0590-07 (UICO11)								Prepared & Analyzed: 01/15/2025		
Chromium, Hexavalent	15.7	0.533	mg/kg dry	21.3	ND	73.8	75-125	Low Bias	8.31	200	
Reference (BA50861-SRM1)									Prepared & Analyzed: 01/15/2025		
Chromium, Hexavalent	174		mg/L	227		76.4	42.3-157.7				
Batch BA50887 - Analysis Preparation											
Blank (BA50887-BLK1)									Prepared & Analyzed: 01/15/2025		
Cyanide, total	ND	0.0100	mg/L								
LCS (BA50887-BS1)									Prepared & Analyzed: 01/15/2025		
Cyanide, total	0.101	0.0100	mg/L	0.100		101	80-120				
Duplicate (BA50887-DUP1)	*Source sample: 25A0590-11 (MW004)								Prepared & Analyzed: 01/15/2025		
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BA50887-MS1)	*Source sample: 25A0590-11 (MW004)								Prepared & Analyzed: 01/15/2025		
Cyanide, total	0.0928	0.0100	mg/L	0.100	ND	92.8	79-105				
Matrix Spike Dup (BA50887-MSD1)	*Source sample: 25A0590-11 (MW004)								Prepared & Analyzed: 01/15/2025		
Cyanide, total	0.0951	0.0100	mg/L	0.100	ND	95.1	79-105		2.46	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25A0590-01	SB006 (0-2 IN)	40mL Vial with Stir Bar-Cool 4° C
25A0590-02	SB006 (2 IN -24 IN)	40mL Vial with Stir Bar-Cool 4° C
25A0590-03	SB006 (6- 8 FT)	40mL Vial with Stir Bar-Cool 4° C
25A0590-04	SB007 (0-2IN)	40mL Vial with Stir Bar-Cool 4° C
25A0590-05	SB007 (2IN -24IN)	40mL Vial with Stir Bar-Cool 4° C
25A0590-06	SB007 (6-8FT)	40mL Vial with Stir Bar-Cool 4° C
25A0590-07	UICO11	40mL Vial with Stir Bar-Cool 4° C
25A0590-08	MW001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0590-09	MW002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0590-10	MW003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0590-11	MW004	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0590-12	MW00X	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0590-13	Equipment Blank 1/9/25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0590-14	Field Blank 1/9/25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
25A0590-15	Trip Blank 1/9/25	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-08	The recovery of this surrogate was outside of QC limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

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

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: For sample 25A0590-11 the lab received 1 full container and 1 empty container. For sample 25A0590-13 MS/MSD the lab received 5 full containers and 1 empty container.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 25A0590

Report To:	Invoice To:
Company: H2M	Company: Same
Address: 290 Broadhollow Rd Melville NY	Address:
Phone.:	Phone.:
Contact: Steve Kaplan	Contact:
E-mail: Skaplan@h2m.com	E-mail:

YOUR Project Name / Number: ORFD2301

PO Number:

Samples Collected From: NY 1 | NJ | CT | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) | PFAS Standard 7-10 Day

Report Type (circle): QA Report | Summary (Results Only) | NY ASP B Package | NJ Reduced | NJ DKQP | NJ Full | CT RCP

EDD Type (circle): EQuIS (standard) | NYSDEC EQuIS | NJDEP SRP Haz Site | Standard Excel | CMDP | Other:

Regulatory Comparative: Compared to the following Regulation(s): (please fill in)

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

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge | GW - groundwater | DW - drinking water | SW - surface water | WW - wastewater | O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	PFAs Method 1633	TCL VOCs + 10 TICs 8260D	SVOCs + 20 TICs 8270D	TAL Metals + Hardness 6010D 7473 7196A	PCBs 8082A	TCL Pesticides 8081B	TCL Herbicides 8151A	Cyanide 9014/9010C	1,4-Dioxane 8270D SIM	Grab or Comp. G/C
SB001 (0-2")	1/9/25	930	S	5		1							2	X	X	X	X	X	X	X	X	X	
SB001 (2"-24")		942	S	5		1							2	X	X	X	X	X	X	X	X	X	
SB001 (6-8ft)		950	S	5		1							2	X	X	X	X	X	X	X	X	X	
SB007 (0-2")		1150	S	5		1							2	X	X	X	X	X	X	X	X	X	
SB007 (2"-24")		1200	S	5		1							2	X	X	X	X	X	X	X	X	X	
SB007 (6-8ft)		1210	S	5		1							2	X	X	X	X	X	X	X	X	X	
UIC011		1330	S	5		1							2	X	X	X	X	X	X	X	X	X	
MW001		1600	GW	8	3		1		1					X	X	X	X	X	X	X	X	X	
MW002		1400	GW	8	3		1		1					X	X	X	X	X	X	X	X	X	
MW003		1210	GW	8	3		1		1					X	X	X	X	X	X	X	X	X	
MW004		1000	GW	8	3		1		1					X	X	X	X	X	X	X	X	X	
MW004 MS		1040	GW	8	3		1		1					X	X	X	X	X	X	X	X	X	
MW004 MSD		1167	GW	8	3		1		1					X	X	X	X	X	X	X	X	X	
MW00X		1255	GW	8	3		1		1					X	X	X	X	X	X	X	X	X	
Equipment Blank 1/9/25		1420	EB	8	3		1		1					X	X	X	X	X	X	X	X	X	

Field Filtered | Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

Custody Seals: Y / N | Containers Intact: Y / N | COC/Labels Agree: Y / N | Preservation Confirmed: Y / N
COC Complete: Y / N | COC Received: Y / N | Appropriate Sample Volumes: Y / N | Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N | Samples Submitted within Holding Times: Y / N | Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company: H2M — Date/Time: 1/9/25	1. Samples Received by / Company: — Date/Time: 1/9/25	2. Samples Relinquished by / Company: — Date/Time: 1/10/25
2. Samples Received by / Company: H2M — Date/Time: 1/10/25 0545	3. Samples Relinquished by / Company: H2M — Date/Time: 1/10/25 1300	3. Samples Received by / Company: KBahyoski — Date/Time: 1/10/25 1300
4. Samples Relinquished by / Company: Mavaro for Kyle B — Date/Time: 1/10/25 1640	4. Samples Received by / Company: — Date/Time:	Samples Received in LAB by: Mavaro — Date/Time: 1/10/25 1640 — Temperature: 2.2 Degrees C

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

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

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

YORK Project Number: 25A0590

Report To:
Company:
Address: Same
Phone:
Contact:
E-mail:

Invoice To:
Company:
Address: Same
Phone:
Contact:
E-mail:

YOUR Project Name / Number: ORFD 2301

PO Number:

Samples Collected From: NY X | NJ | CT | PA | Other: (please specify)

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

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

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil | Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	DFAS Method 1633	TCL VOCs + 10 TICs 8260D	SVOCs + 20 TICs 8270D	TAL Metals + Hardness 6010D-7940 7473	PCBs 8082A	TCL Pesticides 8081B	TCL Herbicides 8151A	Cyanide 9014/9016C	1,4-Dioxane 8270D SIM	Grab or Comp. G/C
Field Blank 1/9/25	1/9/25	1400	FB	8			1		1					X	X	X	X	X	X	X	X	X	
Trip Blank 1/9/25	1/9/25	—	TB		2										X								

Report Type (circle)
- QA Report
- Summary (Results Only)
- NY ASP B Package
- NJ Reduced
- NJ DKQP
- NJ Full
- CT RCP

EDD Type (circle)
- EQuIS (standard)
- NYSDEC EQuIS
- NJDEP SRP Haz Site
- Standard Excel
- CMDP
- Other:

Regulatory Comparative
Compared to the following Regulation(s): (please fill in)

Field Filtered
Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

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

1. Samples Relinquished by / Company: BC/M2M | Date/Time: 1/9/25
2. Samples Received by / Company: M2M | Date/Time: 1/10/25 0545
3. Samples Relinquished by / Company: M2M | Date/Time: 1/10/25 1300
4. Samples Relinquished by / Company: Mavaro for Kyle B | Date/Time: 1/10/25 16:40

1. Samples Received by / Company: BC | Date/Time: 1/9/25
2. Samples Relinquished by / Company: | Date/Time: 1/10/25
3. Samples Received by / Company: KBaker York - 1/10/25 1300
4. Samples Received by / Company: | Date/Time:

Samples Received in LAB by: Mavaro | Date/Time: 1/10/25 16:40 | Temperature: 2.2 Degrees C

Technical Report

prepared for:

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Report Date: 01/23/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0694

Revision No. 1.0

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

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

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

Report Date: 01/23/2025
Client Project ID: ORFD2301
York Project (SDG) No.: 25A0694

H2M architects + engineers
290 Broad Hollow Road, 4th Floor East
Melville NY, 11747
Attention: Stephen Kaplan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 13, 2025 and listed below. The project was identified as your project: **ORFD2301**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25A0694-01	SV001	Soil Vapor	01/10/2025	01/13/2025
25A0694-02	SV00X	Soil Vapor	01/10/2025	01/13/2025
25A0694-03	IA001	Indoor Ambient Air	01/10/2025	01/13/2025
25A0694-04	OA001	Outdoor Ambient Ai	01/10/2025	01/13/2025

General Notes for York Project (SDG) No.: 25A0694

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 01/23/2025

Sample Information

Client Sample ID: SV001 **York Sample ID:** 25A0694-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:37 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	9.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	7.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	9.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	10	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	7.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.5	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	10	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	6.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	10	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	8.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.5	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	6.3	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	9.5	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	6.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	9.0	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	8.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	6.3	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	8.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	9.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
540-84-1	*** 2,2,4-Trimethylpentane**	**3.8**		ug/m³	3.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:			
78-93-3	**2-Butanone**	**6.0**		ug/m³	4.0	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV001 **York Sample ID:** 25A0694-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:37 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	11	13.62	EPA TO-15 Certifications:	01/20/2025 14:36	01/21/2025 05:38	YR
107-05-1	3-Chloropropene	ND		ug/m³	21	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	5.6	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
67-64-1	**Acetone**	**150**		ug/m³	26	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
107-13-1	Acrylonitrile	ND		ug/m³	38	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
71-43-2	Benzene	ND		ug/m³	4.4	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
100-44-7	Benzyl chloride	ND		ug/m³	7.1	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-27-4	Bromodichloromethane	ND		ug/m³	9.1	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-25-2	Bromoform	ND	TO-CCV	ug/m³	14	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
74-83-9	Bromomethane	ND		ug/m³	5.3	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-15-0	Carbon disulfide	ND		ug/m³	4.2	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	2.1	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
108-90-7	Chlorobenzene	ND		ug/m³	6.3	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-00-3	Chloroethane	ND		ug/m³	3.6	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
67-66-3	Chloroform	ND		ug/m³	6.7	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
74-87-3	Chloromethane	ND		ug/m³	2.8	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.4	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.2	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
110-82-7	Cyclohexane	ND		ug/m³	4.7	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
124-48-1	Dibromochloromethane	ND		ug/m³	12	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-71-8	**Dichlorodifluoromethane**	**44000**		ug/m³	97	195.21	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/22/2025 13:51	01/23/2025 01:23	YR
141-78-6	* Ethyl acetate	ND		ug/m³	9.8	13.62	EPA TO-15 Certifications:	01/20/2025 14:36	01/21/2025 05:38	YR
100-41-4	Ethyl Benzene	ND		ug/m³	5.9	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR

Sample Information

Client Sample ID: **SV001** **York Sample ID:** **25A0694-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:37 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	15	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
67-63-0	**Isopropanol**	**20**		ug/m³	20	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	5.6	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	4.9	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-09-2	Methylene chloride	ND		ug/m³	28	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
91-20-3	* Naphthalene	ND		ug/m³	14	13.62	EPA TO-15 Certifications: NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
142-82-5	n-Heptane	ND		ug/m³	5.6	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
110-54-3	n-Hexane	ND		ug/m³	4.8	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
95-47-6	o-Xylene	ND		ug/m³	5.9	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	12	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	6.7	13.62	EPA TO-15 Certifications:	01/20/2025 14:36	01/21/2025 05:38	YR
115-07-1	* Propylene	ND		ug/m³	2.3	13.62	EPA TO-15 Certifications:	01/20/2025 14:36	01/21/2025 05:38	YR
100-42-5	**Styrene**	**24**		ug/m³	5.8	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	9.2	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	8.0	13.62	EPA TO-15 Certifications:	01/20/2025 14:36	01/21/2025 05:38	YR
108-88-3	**Toluene**	**9.2**		ug/m³	5.1	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	5.4	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.2	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
79-01-6	Trichloroethylene	ND		ug/m³	1.8	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	7.7	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
108-05-4	Vinyl acetate	ND	TO-LC S-L, ICVE	ug/m³	4.8	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
593-60-2	Vinyl bromide	ND		ug/m³	6.0	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR
75-01-4	Vinyl Chloride	ND		ug/m³	1.7	13.62	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/20/2025 14:36	01/21/2025 05:38	YR

Sample Information

Client Sample ID: **SV001** **York Sample ID:** **25A0694-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:37 am	01/13/2025

Sample Information

Client Sample ID: **SV00X** **York Sample ID:** **25A0694-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:38 am	01/13/2025

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.545	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 11:29	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.84	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.84	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.63	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.76	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
95-50-1	**1,2-Dichlorobenzene**	**1.5**		ug/m³	0.93	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.63	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.71	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.76	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.93	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.71	1.545	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 11:29	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.93	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR

Sample Information

Client Sample ID: **SV00X** **York Sample ID:** **25A0694-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:38 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.36	1.545	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 11:29	YR
78-93-3	**2-Butanone**	**10**		ug/m³	0.46	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.545	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 11:29	YR
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
108-10-1	**4-Methyl-2-pentanone**	**5.5**		ug/m³	0.63	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
67-64-1	**Acetone**	**250**		ug/m³	29	15.45	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 04:19	YR
107-13-1	**Acrylonitrile**	**14**		ug/m³	4.4	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
71-43-2	**Benzene**	**2.3**		ug/m³	0.49	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.80	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
75-25-2	Bromoform	ND	TO-CCV	ug/m³	1.6	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
74-83-9	Bromomethane	ND		ug/m³	0.60	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.48	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.24	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
108-90-7	**Chlorobenzene**	**3.1**		ug/m³	0.71	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
75-00-3	Chloroethane	ND		ug/m³	0.41	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
67-66-3	Chloroform	ND		ug/m³	0.75	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
74-87-3	Chloromethane	ND		ug/m³	0.32	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.70	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
110-82-7	Cyclohexane	ND		ug/m³	0.53	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.545	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 11:29	YR

Sample Information

Client Sample ID: **SV00X** **York Sample ID:** **25A0694-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:38 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	**Dichlorodifluoromethane**	**100000**		ug/m³	290	592.79	EPA TO-15	01/22/2025 13:51	01/23/2025 12:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**8.8**		ug/m³	0.67	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**20**		ug/m³	2.3	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.63	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.56	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	3.2	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.6	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.63	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.54	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.67	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**2.8**		ug/m³	1.3	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.76	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.27	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications:			
100-42-5	**Styrene**	**73**		ug/m³	0.66	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.91	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications:			
108-88-3	**Toluene**	**9.4**		ug/m³	0.58	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.61	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.70	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**0.58**		ug/m³	0.21	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.87	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV00X **York Sample ID:** 25A0694-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:38 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.54	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.68	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA001 **York Sample ID:** 25A0694-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Indoor Ambient Air	January 10, 2025 8:40 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.59	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.59	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.66	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.086	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.64	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.43	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.67	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA001 **York Sample ID:** 25A0694-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Indoor Ambient Air	January 10, 2025 8:40 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.61	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.43	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.57	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.866	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 02:22	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.52	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
540-84-1	*** 2,2,4-Trimethylpentane**	**3.3**		ug/m³	0.20	0.866	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 02:22	YR
78-93-3	**2-Butanone**	**0.38**		ug/m³	0.26	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.866	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 02:22	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
108-10-1	**4-Methyl-2-pentanone**	**0.82**		ug/m³	0.35	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
67-64-1	**Acetone**	**15**		ug/m³	1.6	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
107-13-1	**Acrylonitrile**	**28**		ug/m³	2.4	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
71-43-2	**Benzene**	**0.55**		ug/m³	0.28	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
75-25-2	Bromoform	ND	TO-CCV	ug/m³	0.90	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
74-83-9	Bromomethane	ND		ug/m³	0.34	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
56-23-5	**Carbon tetrachloride**	**0.33**		ug/m³	0.14	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
75-00-3	Chloroethane	ND		ug/m³	0.23	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR

Sample Information

Client Sample ID: IA001 **York Sample ID:** 25A0694-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Indoor Ambient Air	January 10, 2025 8:40 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/m³	0.42	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.18	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.086	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.74	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
75-71-8	**Dichlorodifluoromethane**	**6.9**		ug/m³	0.43	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
141-78-6	*** Ethyl acetate**	**0.62**		ug/m³	0.62	0.866	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 02:22	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.38	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.92	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
67-63-0	**Isopropanol**	**4.9**		ug/m³	1.3	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
80-62-6	**Methyl Methacrylate**	**0.50**		ug/m³	0.35	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
91-20-3	* Naphthalene	ND		ug/m³	0.91	0.866	EPA TO-15 Certifications: NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
142-82-5	**n-Heptane**	**0.75**		ug/m³	0.35	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
110-54-3	**n-Hexane**	**0.31**		ug/m³	0.31	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
95-47-6	o-Xylene	ND		ug/m³	0.38	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.75	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.43	0.866	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 02:22	YR
115-07-1	* Propylene	ND		ug/m³	0.15	0.866	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 02:22	YR
100-42-5	Styrene	ND		ug/m³	0.37	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.59	0.866	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 02:22	YR

Sample Information

Client Sample ID: IA001 **York Sample ID:** 25A0694-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Indoor Ambient Air	January 10, 2025 8:40 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.51	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:			
108-88-3	**Toluene**	**5.2**		ug/m³	0.33	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.49	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND	ICVE, TO-LC S-L	ug/m³	0.30	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OA001 **York Sample ID:** 25A0694-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Outdoor Ambient Air	January 10, 2025 8:35 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.56	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.56	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.62	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.080	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: OA001 **York Sample ID:** 25A0694-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Outdoor Ambient Air	January 10, 2025 8:35 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.60	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.40	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.49	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.57	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
106-99-0	1,3-Butadiene	ND		ug/m³	0.54	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.49	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.811	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 03:27	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.49	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.19	0.811	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 03:27	YR
78-93-3	**2-Butanone**	**0.60**		ug/m³	0.24	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.811	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 03:27	YR
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
67-64-1	**Acetone**	**2.9**		ug/m³	1.5	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
107-13-1	**Acrylonitrile**	**17**		ug/m³	2.3	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
71-43-2	**Benzene**	**0.44**		ug/m³	0.26	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
100-44-7	Benzyl chloride	ND		ug/m³	0.42	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR

Sample Information

Client Sample ID: OA001 **York Sample ID:** 25A0694-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Outdoor Ambient Air	January 10, 2025 8:35 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND	TO-CCV	ug/m³	0.84	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
74-83-9	Bromomethane	ND		ug/m³	0.31	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.13	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
75-00-3	Chloroethane	ND		ug/m³	0.21	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
67-66-3	Chloroform	ND		ug/m³	0.40	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.17	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.080	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
75-71-8	**Dichlorodifluoromethane**	**11**		ug/m³	0.40	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
141-78-6	*** Ethyl acetate**	**0.99**	TO-LCS-H	ug/m³	0.58	0.811	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 03:27	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
67-63-0	Isopropanol	ND		ug/m³	1.2	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
91-20-3	* Naphthalene	ND		ug/m³	0.85	0.811	EPA TO-15 Certifications: NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
142-82-5	n-Heptane	ND		ug/m³	0.33	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
110-54-3	n-Hexane	ND		ug/m³	0.29	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR

Sample Information

Client Sample ID: OA001 **York Sample ID:** 25A0694-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Outdoor Ambient Air	January 10, 2025 8:35 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/m³	0.35	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.70	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.40	0.811	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 03:27	YR
115-07-1	* Propylene	ND		ug/m³	0.14	0.811	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 03:27	YR
100-42-5	Styrene	ND		ug/m³	0.35	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.48	0.811	EPA TO-15 Certifications:	01/21/2025 13:51	01/22/2025 03:27	YR
108-88-3	**Toluene**	**0.43**		ug/m³	0.31	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.46	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.29	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.811	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	01/21/2025 13:51	01/22/2025 03:27	YR

Analytical Batch Summary

Batch ID: BA51199 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A0694-01	SV001	01/20/25
BA51199-BLK1	Blank	01/20/25
BA51199-BS1	LCS	01/20/25

Batch ID: BA51284 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A0694-02	SV00X	01/21/25
25A0694-02RE1	SV00X	01/21/25
25A0694-03	IA001	01/21/25
25A0694-04	OA001	01/21/25
BA51284-BLK1	Blank	01/21/25
BA51284-BS1	LCS	01/21/25

Batch ID: BA51358 **Preparation Method:** EPA TO15 PREP **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
25A0694-01RE1	SV001	01/22/25
25A0694-02RE2	SV00X	01/22/25
BA51358-BLK1	Blank	01/22/25
BA51358-BS1	LCS	01/22/25

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51199 - EPA TO15 PREP											
Blank (BA51199-BLK1)											Prepared & Analyzed: 01/20/2025
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51199 - EPA TO15 PREP											
Blank (BA51199-BLK1)											Prepared & Analyzed: 01/20/2025
Methylene chloride	ND	2.1	ug/m³								
Naphthalene	ND	1.0	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BA51199-BS1)											Prepared & Analyzed: 01/20/2025
1,1,1,2-Tetrachloroethane	11.3		ppbv	10.0		113	70-130				
1,1,1-Trichloroethane	11.5		"	10.0		115	70-130				
1,1,2,2-Tetrachloroethane	12.1		"	10.0		121	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	70-130				
1,1,2-Trichloroethane	11.2		"	10.0		112	70-130				
1,1-Dichloroethane	11.3		"	10.0		113	70-130				
1,1-Dichloroethylene	11.9		"	10.0		119	70-130				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70-130				
1,2,4-Trimethylbenzene	12.3		"	10.0		123	70-130				
1,2-Dibromoethane	11.2		"	10.0		112	70-130				
1,2-Dichlorobenzene	12.4		"	10.0		124	70-130				
1,2-Dichloroethane	11.8		"	10.0		118	70-130				
1,2-Dichloropropane	11.3		"	10.0		113	70-130				
1,2-Dichlorotetrafluoroethane	10.7		"	10.0		107	70-130				
1,3,5-Trimethylbenzene	11.8		"	10.0		118	70-130				
1,3-Butadiene	12.4		"	10.0		124	70-130				
1,3-Dichlorobenzene	12.9		"	10.0		129	70-130				
1,3-Dichloropropane	11.6		"	10.0		116	70-130				
1,4-Dichlorobenzene	12.4		"	10.0		124	70-130				
1,4-Dioxane	11.0		"	10.0		110	70-130				
2,2,4-Trimethylpentane	12.8		"	10.0		128	70-130				
2-Butanone	11.6		"	10.0		116	70-130				
2-Hexanone	11.0		"	10.0		110	70-130				
3-Chloropropene	11.0		"	10.0		110	70-130				
4-Methyl-2-pentanone	11.3		"	10.0		113	70-130				
Acetone	9.67		"	10.0		96.7	70-130				
Acrylonitrile	11.4		"	10.0		114	70-130				
Benzene	11.6		"	10.0		116	70-130				
Benzyl chloride	12.3		"	10.0		123	70-130				
Bromodichloromethane	10.3		"	10.0		103	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51199 - EPA TO15 PREP											
LCS (BA51199-BS1)								Prepared & Analyzed: 01/20/2025			
Bromoform	11.8		ppbv	10.0		118	70-130				
Bromomethane	11.0		"	10.0		110	70-130				
Carbon disulfide	11.2		"	10.0		112	70-130				
Carbon tetrachloride	9.94		"	10.0		99.4	70-130				
Chlorobenzene	11.6		"	10.0		116	70-130				
Chloroethane	11.4		"	10.0		114	70-130				
Chloroform	11.5		"	10.0		115	70-130				
Chloromethane	12.4		"	10.0		124	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Cyclohexane	12.1		"	10.0		121	70-130				
Dibromochloromethane	11.0		"	10.0		110	70-130				
Dichlorodifluoromethane	11.4		"	10.0		114	70-130				
Ethyl acetate	14.2		"	10.0		142	70-130	High Bias			
Ethyl Benzene	11.7		"	10.0		117	70-130				
Hexachlorobutadiene	9.34		"	10.0		93.4	70-130				
Isopropanol	9.55		"	10.0		95.5	70-130				
Methyl Methacrylate	10.5		"	10.0		105	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	11.8		"	10.0		118	70-130				
Naphthalene	11.5		"	10.0		115	70-130				
n-Heptane	11.7		"	10.0		117	70-130				
n-Hexane	11.9		"	10.0		119	70-130				
o-Xylene	12.2		"	10.0		122	70-130				
p- & m- Xylenes	23.7		"	20.0		119	70-130				
p-Ethyltoluene	12.3		"	10.0		123	70-130				
Propylene	11.2		"	10.0		112	70-130				
Styrene	12.4		"	10.0		124	70-130				
Tetrachloroethylene	10.9		"	10.0		109	70-130				
Tetrahydrofuran	11.5		"	10.0		115	70-130				
Toluene	10.7		"	10.0		107	70-130				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	70-130				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Trichloroethylene	10.8		"	10.0		108	70-130				
Trichlorofluoromethane (Freon 11)	11.0		"	10.0		110	70-130				
Vinyl acetate	5.13		"	10.0		51.3	70-130	Low Bias			
Vinyl bromide	11.6		"	10.0		116	70-130				
Vinyl Chloride	13.1		"	10.0		131	70-130	High Bias			

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51284 - EPA TO15 PREP											
Blank (BA51284-BLK1)											
Prepared & Analyzed: 01/21/2025											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51284 - EPA TO15 PREP											
Blank (BA51284-BLK1)									Prepared & Analyzed: 01/21/2025		
Naphthalene	ND	1.0	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BA51284-BS1)									Prepared & Analyzed: 01/21/2025		
1,1,1,2-Tetrachloroethane	11.0		ppbv	10.0		110	70-130				
1,1,1-Trichloroethane	11.6		"	10.0		116	70-130				
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130				
1,1,2-Trichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethylene	12.1		"	10.0		121	70-130				
1,2,4-Trichlorobenzene	9.91		"	10.0		99.1	70-130				
1,2,4-Trimethylbenzene	12.4		"	10.0		124	70-130				
1,2-Dibromoethane	11.5		"	10.0		115	70-130				
1,2-Dichlorobenzene	12.3		"	10.0		123	70-130				
1,2-Dichloroethane	11.5		"	10.0		115	70-130				
1,2-Dichloropropane	11.3		"	10.0		113	70-130				
1,2-Dichlorotetrafluoroethane	9.98		"	10.0		99.8	70-130				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	70-130				
1,3-Butadiene	10.9		"	10.0		109	70-130				
1,3-Dichlorobenzene	12.2		"	10.0		122	70-130				
1,3-Dichloropropane	11.7		"	10.0		117	70-130				
1,4-Dichlorobenzene	11.9		"	10.0		119	70-130				
1,4-Dioxane	11.1		"	10.0		111	70-130				
2,2,4-Trimethylpentane	12.9		"	10.0		129	70-130				
2-Butanone	11.4		"	10.0		114	70-130				
2-Hexanone	11.1		"	10.0		111	70-130				
3-Chloropropene	11.0		"	10.0		110	70-130				
4-Methyl-2-pentanone	11.6		"	10.0		116	70-130				
Acetone	9.72		"	10.0		97.2	70-130				
Acrylonitrile	11.1		"	10.0		111	70-130				
Benzene	11.4		"	10.0		114	70-130				
Benzyl chloride	12.1		"	10.0		121	70-130				
Bromodichloromethane	10.5		"	10.0		105	70-130				
Bromoform	11.2		"	10.0		112	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51284 - EPA TO15 PREP											
LCS (BA51284-BS1)								Prepared & Analyzed: 01/21/2025			
Bromomethane	11.0		ppbv	10.0		110	70-130				
Carbon disulfide	11.0		"	10.0		110	70-130				
Carbon tetrachloride	9.71		"	10.0		97.1	70-130				
Chlorobenzene	11.3		"	10.0		113	70-130				
Chloroethane	11.2		"	10.0		112	70-130				
Chloroform	11.7		"	10.0		117	70-130				
Chloromethane	11.1		"	10.0		111	70-130				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Cyclohexane	12.1		"	10.0		121	70-130				
Dibromochloromethane	11.2		"	10.0		112	70-130				
Dichlorodifluoromethane	11.4		"	10.0		114	70-130				
Ethyl acetate	14.0		"	10.0		140	70-130	High Bias			
Ethyl Benzene	11.6		"	10.0		116	70-130				
Hexachlorobutadiene	8.51		"	10.0		85.1	70-130				
Isopropanol	9.57		"	10.0		95.7	70-130				
Methyl Methacrylate	10.8		"	10.0		108	70-130				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	70-130				
Methylene chloride	11.8		"	10.0		118	70-130				
Naphthalene	11.0		"	10.0		110	70-130				
n-Heptane	11.6		"	10.0		116	70-130				
n-Hexane	12.1		"	10.0		121	70-130				
o-Xylene	11.9		"	10.0		119	70-130				
p- & m- Xylenes	23.7		"	20.0		119	70-130				
p-Ethyltoluene	12.2		"	10.0		122	70-130				
Propylene	11.3		"	10.0		113	70-130				
Styrene	12.3		"	10.0		123	70-130				
Tetrachloroethylene	11.1		"	10.0		111	70-130				
Tetrahydrofuran	11.6		"	10.0		116	70-130				
Toluene	11.0		"	10.0		110	70-130				
trans-1,2-Dichloroethylene	11.8		"	10.0		118	70-130				
trans-1,3-Dichloropropylene	11.5		"	10.0		115	70-130				
Trichloroethylene	10.8		"	10.0		108	70-130				
Trichlorofluoromethane (Freon 11)	11.1		"	10.0		111	70-130				
Vinyl acetate	4.95		"	10.0		49.5	70-130	Low Bias			
Vinyl bromide	11.7		"	10.0		117	70-130				
Vinyl Chloride	11.7		"	10.0		117	70-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51358 - EPA TO15 PREP											
Blank (BA51358-BLK1)											
Prepared & Analyzed: 01/22/2025											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2,2,4-Trimethylpentane	ND	0.23	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	1.9	"								
Acrylonitrile	ND	2.8	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	1.5	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	2.1	"								

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51358 - EPA TO15 PREP											
Blank (BA51358-BLK1)									Prepared & Analyzed: 01/22/2025		
Naphthalene	ND	1.0	ug/m³								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BA51358-BS1)									Prepared & Analyzed: 01/22/2025		
1,1,1,2-Tetrachloroethane	10.1		ppbv	10.0		101	70-130				
1,1,1-Trichloroethane	9.28		"	10.0		92.8	70-130				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.13		"	10.0		91.3	70-130				
1,1,2-Trichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethane	9.06		"	10.0		90.6	70-130				
1,1-Dichloroethylene	9.87		"	10.0		98.7	70-130				
1,2,4-Trichlorobenzene	9.11		"	10.0		91.1	70-130				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	70-130				
1,2-Dibromoethane	11.4		"	10.0		114	70-130				
1,2-Dichlorobenzene	11.3		"	10.0		113	70-130				
1,2-Dichloroethane	9.29		"	10.0		92.9	70-130				
1,2-Dichloropropane	11.2		"	10.0		112	70-130				
1,2-Dichlorotetrafluoroethane	7.95		"	10.0		79.5	70-130				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70-130				
1,3-Butadiene	8.45		"	10.0		84.5	70-130				
1,3-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,3-Dichloropropane	11.7		"	10.0		117	70-130				
1,4-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,4-Dioxane	11.0		"	10.0		110	70-130				
2,2,4-Trimethylpentane	10.2		"	10.0		102	70-130				
2-Butanone	9.30		"	10.0		93.0	70-130				
2-Hexanone	11.0		"	10.0		110	70-130				
3-Chloropropene	8.85		"	10.0		88.5	70-130				
4-Methyl-2-pentanone	11.4		"	10.0		114	70-130				
Acetone	7.81		"	10.0		78.1	70-130				
Acrylonitrile	9.05		"	10.0		90.5	70-130				
Benzene	9.07		"	10.0		90.7	70-130				
Benzyl chloride	11.1		"	10.0		111	70-130				
Bromodichloromethane	10.4		"	10.0		104	70-130				
Bromoform	9.94		"	10.0		99.4	70-130				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA51358 - EPA TO15 PREP											
LCS (BA51358-BS1)								Prepared & Analyzed: 01/22/2025			
Bromomethane	8.81		ppbv	10.0		88.1	70-130				
Carbon disulfide	9.00		"	10.0		90.0	70-130				
Carbon tetrachloride	7.85		"	10.0		78.5	70-130				
Chlorobenzene	10.8		"	10.0		108	70-130				
Chloroethane	9.36		"	10.0		93.6	70-130				
Chloroform	9.39		"	10.0		93.9	70-130				
Chloromethane	8.45		"	10.0		84.5	70-130				
cis-1,2-Dichloroethylene	9.04		"	10.0		90.4	70-130				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Cyclohexane	9.36		"	10.0		93.6	70-130				
Dibromochloromethane	11.0		"	10.0		110	70-130				
Dichlorodifluoromethane	8.98		"	10.0		89.8	70-130				
Ethyl acetate	11.3		"	10.0		113	70-130				
Ethyl Benzene	10.7		"	10.0		107	70-130				
Hexachlorobutadiene	8.19		"	10.0		81.9	70-130				
Isopropanol	7.77		"	10.0		77.7	70-130				
Methyl Methacrylate	10.8		"	10.0		108	70-130				
Methyl tert-butyl ether (MTBE)	9.52		"	10.0		95.2	70-130				
Methylene chloride	9.35		"	10.0		93.5	70-130				
Naphthalene	10.2		"	10.0		102	70-130				
n-Heptane	9.16		"	10.0		91.6	70-130				
n-Hexane	9.72		"	10.0		97.2	70-130				
o-Xylene	11.3		"	10.0		113	70-130				
p- & m- Xylenes	21.5		"	20.0		107	70-130				
p-Ethyltoluene	11.1		"	10.0		111	70-130				
Propylene	8.73		"	10.0		87.3	70-130				
Styrene	11.5		"	10.0		115	70-130				
Tetrachloroethylene	10.9		"	10.0		109	70-130				
Tetrahydrofuran	9.30		"	10.0		93.0	70-130				
Toluene	11.0		"	10.0		110	70-130				
trans-1,2-Dichloroethylene	9.42		"	10.0		94.2	70-130				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	70-130				
Trichloroethylene	10.8		"	10.0		108	70-130				
Trichlorofluoromethane (Freon 11)	9.22		"	10.0		92.2	70-130				
Vinyl acetate	3.83		"	10.0		38.3	70-130	Low Bias			
Vinyl bromide	9.70		"	10.0		97.0	70-130				
Vinyl Chloride	8.81		"	10.0		88.1	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to update units to ug/m3 instead of ppbv.

York Analytical Laboratories, Inc.
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www.yorklab.com

Field Chain-of-Custody Record - AIR

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

YORK Project No. 25A0694

YOUR Information	Report To:	Invoice To:
Company: H2M	Company:	Company:
Address: 290 Broad Hollow Rd Melville, NY	Address: Same	Address: Same
Phone.:	Phone.:	Phone.:
Contact: Steve Kaplan	Contact:	Contact:
E-mail: SKaplan@H2M.com	E-mail:	E-mail:

YOUR Project Number: ORFD 2301

YOUR Project Name:

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

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

Samples Collected by: (print your name above and sign below)
Thomas Braun

Air Matrix Codes

- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package
- Other:
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliv.
- NJDKQP
- Standard Excel EDD
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV001	1/10/25 8:37	AS	29	2	23991	19432	TO15
SV00X	1/10/25 8:38	AS	30	6	34496	20436	TO15
IA001	1/10/25 8:40	AI	30	6	48319	17987	TO15
OA001	1/10/25 8:35	AO	30	2	36963	21044	TO15

Comments: Cans run 24 hrs and were started aroun 10:30 on 1/9/25

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

- 6 Liter Canister X
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
TB/H2M	1/13/24 2:45 PM	KBaltz-YL	1/13/25 2:45 PM	KBaltz-YL	1/13/25 16:50
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Mavaro	1-13-24 16:50	Mavaro	1-13-25 20:25	A-Li	1/13/25 20:25
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
A-Li	1/13/25 21:50			VF 1/14/25	7:50

APPENDIX H

Data Usability Summary Reports

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Orient Point, ORFD2301
York Analytical Laboratory SDG#25A0380
March 17, 2025
Revised: April 2, 2025
Sampling date: 1/7/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(revised April 2, 2025) for H2M, project located at Orient Point, ORFD2301, SDG#25A0380 submitted to Vali-Data of WNY, LLC on January 24, 2025. his DUSR has been prepared in general compliance with USEPA National Functional Guidelines (NFG) NYSDEC; 'Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)' (4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E, 8270D SIM), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Inorganics/Mercury (6010D, 6020B, 7473, 7470A), Perfluorinated Hydrocarbons (1633 (12/2022)) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	SB001 (0-2")	25A0380-01
2	SB001 (2"-24")	25A0380-02
3	SB001 (6-8ft)	25A0380-03
4	SB002 (0-2")	25A0380-04
5	SB002 (2"-24")	25A0380-05
6	SB002 (6-8ft)	25A0380-06
7	SB003 (0-2")	25A0380-07
8	SB003 (2"-24")	25A0380-08
9	SB003 (6-8ft)	25A0380-09
10	SB00X	25A0380-10
11	SB004 (0-2")	25A0380-11
12	SB004 (2"-24")	25A0380-12
13	SB004 (6-8ft)	25A0380-13
14	SB005 (0-2")	25A0380-14
15	SB005 (2"-24")	25A0380-15
16	SB005 (6-8ft)	25A0380-16
17	Field Blank 1/7/25	25A0380-17
18	Equipment Blank 1/7/25	25A0380-18
19	Trip Blank 1/7/25	25A0380-19

VOCs, SVOCs and PFAS were recorded to the method detection limits. All other analyses were recorded to the reporting limits.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports

-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Sample, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	RPD	Qualifier	Associated Sample
BA50481	Bromomethane	22.2	UJ	17-19
BA50481	Chloromethane	42.4	UJ	17-19
BA50481	Tetrachloroethene	51.8	UJ	17-19

The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but was not detected in the associated samples, so no further action is required.

MS/MSD
All criteria were met.

COMPOUND QUANTITATION
All criteria were met except a couple of target analytes were detected in the sample blanks but were not detected in the associated samples, so no further action is required.

INITIAL CALIBRATION
All criteria were met except several target analytes were outside QC limits in the initial calibrations and/or the second source calibration verifications and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/SSCV Instrument	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICal VOA No.3	1,2-Dibromoethane	RRF	UJ/J	BA50495, 1, 3-16
SSCV VOA No. 3	Acetone	61.7	UJ/J	BA50495, 1, 3-16
SSCV VOA No. 3	Acrolein	-31.8	UJ/J	BA50495, 1, 3-16
SSCV VOA#11 1/6/25	Acetone	101	UJ/J	BA50557-BLK2, BS2/BSD2
SSCV VOA#11 1/6/25	Acrolein	-38.8	UJ/J	BA50557-BLK2, BS2/BSD2
SSCV VOA#11 12/14/24	1,4-Dioxane	75.7	UJ/J	BA50557-BLK1, BS1/BSD1, 2, 2MS/MSD
SSCV VOA#11 12/14/24	Acrolein	-66.2	UJ/J	BA50557-BLK1, BS1/BSD1, 2, 2MS/MSD
ICal MSVOA7	1,2-Dibromoethane	RRF	UJ/J	BA50481, 17-19
ICal MSVOA7	1,4-Dioxane	RRF	UJ/J	BA50481, 17-19
SSCV MSVOA7	Acrolein	-82.5	UJ/J	BA50481, 17-19
SSCV MSVOA7	m&p-Xylene	20.6	UJ/J	BA50481, 17-19

ICal/SSCV Instrument	Target Analyte	RRF/%D	Qualifier	Associated Sample
SSCV MSVOA7	Tetrachloroethene	-44.3	UJ/J	BA50481, 17-19
SSCV MSVOA7	Styrene	21.3	UJ/J	BA50481, 17-19

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1007-CCV1	1,2-Dibromoethane	RRF	UJ/J	BA50418, 17-19
S5A1007-CCV1	1,4-Dioxane	RRF	UJ/J	BA50418, 17-19
S5A1007-CCV1	Freon 113	32.5	UJ/J	BA50418, 17-19
S5A1007-CCV1	Bromomethane	-81.6	UJ/J	BA50418, 17-19
S5A1007-CCV1	Chloromethane	-54.4	UJ/J	BA50418, 17-19
S5A1007-CCV1	Dichlorodifluoromethane	-47.1	UJ/J	BA50418, 17-19
S5A1007-CCV1	Tetrachloroethene	-42.0	UJ/J	BA50418, 17-19
S5A1007-CCV1	Vinyl chloride	-27.8	UJ/J	BA50418, 17-19
S5A1009-CCV1	1,2-Dibromoethane	RRF	UJ/J	BA50495, 1, 3-16
S5A1009-CCV1	Carbon disulfide	-33.4	UJ/J	BA50495, 1, 3-16
S5A1009-CCV1	t-Butyl alcohol	29.9	UJ/J	BA50495, 1, 3-16
S5A1009-CCV1	Vinyl chloride	-27.8	UJ/J	BA50495, 1, 3-16
S5A1009-CCV1	Chloromethane	-37.8	UJ/J	BA50495, 1, 3-16
S5A1009-CCV1	Dichlorodifluoromethane	-66.4	UJ/J	BA50495, 1, 3-16
S5A1203-CCV1	Vinyl chloride	-32.8	UJ/J	BA50557-BLK2, BS2/BSD2
S5A1203-CCV1	Chloromethane	-38.0	UJ/J	BA50557-BLK2, BS2/BSD2

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1203-CCV1	Dichlorodifluoromethane	-60.3	UJ/J	BA50557-BLK2, BS2/BSD2
S5A1203-CCV1	Acrolein	-22.1	UJ/J	BA50557-BLK2, BS2/BSD2
S5A1204-CCV1	1,4-Dioxane	62.6	UJ/J	BA50557-BLK1, BS1/BSD1, 2, 2MS/MSD
S5A1204-CCV1	Chloromethane	-33.1	UJ/J	BA50557-BLK1, BS1/BSD1, 2, 2MS/MSD
S5A1204-CCV1	Dichlorodifluoromethane	-51.4	UJ/J	BA50557-BLK1, BS1/BSD1, 2, 2MS/MSD
S5A1204-CCV1	Vinyl chloride	26.6	UJ/J	BA50557-BLK1, BS1/BSD1, 2, 2MS/MSD

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of Nitrobenzene-d_5 and 2,4,6-Tribromophenol was outside QC limits, low in DUSR ID#18. The following target analytes should be qualified as estimated in this sample.

2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	2,3,4,6-Tetrachlorophenol
2,4-Dinitrophenol	4-Nitrophenol	4,6-Dinitro-2-methylphenol
2-Methylnaphthalene	Benzaldehyde	Bis(2-chloroethyl)ether
2-Methylphenol	Acetophenone	N-nitroso-di-n-propylamine
Isophorone	Bis(2-chloroethoxy)methane	4-Chloroaniline
Caprolactam	2-Methylnaphthalene	

The %Rec was outside QC limits, high in 1,4-Dioxane-d_8 in DUSR ID#2. The associated target analyte was not detected in this sample, so no further action is required.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
BA50472-BS2	Hexachloroethane	0	-	R	17, 18
BA50472-BS2	n-Nitrosodimethylamine	0	-	R	17, 18
BA50472-BS2	Pentachlorophenol	0	-	R	17, 18
BA50472-BS1/BSD1	Pyridine	9.57	8.69	R	17, 18

MS/MSD

All the criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

MS/MSD ID	Target Analyte	RPD	Qualifier	Associated Sample
16	2-Nitroaniline	326	UJ	16
16	3-Nitroaniline	32.6	UJ	16
2	2,4-Dinitrophenol	49.1	UJ	2
2	4,6-Dinitro-2-methylphenol	55.1	UJ	2
2	Benzoic acid	30.3	UJ	2

The %Rec of some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except a target analyte was detected in a sample blank but was not detected in the associated samples, so no further action is required.

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the initial calibration and/or the second source calibration verification. These target analytes should be qualified as estimated in the associated blanks, samples and spikes.

Ical/ICV instrument or ID	Target Analyte	RRF/%RSD/%D	Qualifier	Associated Sample
ICal BNA#5	Benzo(a)anthracene	20.5	UJ/J	BA50472-BLK2, BS2, 17, 18
ICal BNA#5	Dibenzo(a,h)anthracene	25.2	UJ/J	BA50472-BLK2, BS2, 17, 18
ICal BNA#5	Indeno(1,2,3-cd)pyrene	24.6	UJ/J	BA50472-BLK2, BS2, 17, 18
ICV BNA#5	Nitrobenzene	-54.0	UJ/J	BA50472-BLK2, BS2, 17, 18

Ical/ICV instrument or ID	Target Analyte	RRF/%RSD/%D	Qualifier	Associated Sample
ICal BNA#7	1,2,4,5-Tetrachlorobenzene	37.0	UJ/J	BA50472-BLK1, BS1/BSD1, 10, 17, 18
ICal BNA#7	2,4-Dinitrophenol	45.0	UJ/J	BA50472-BLK1, BS1/BSD1, 10, 17, 18
ICal BNA#7	Acetophenone	30.5	UJ/J	BA50472-BLK1, BS1/BSD1, 10, 17, 18
ICal BNA#7	Benzidine	39.0	UJ	10
ICal BNA#7	Benzoic acid	31.6	UJ	10
SSCV BNA#7	2,3,4,6-Trichlorophenol	35.3	UJ/J	BA50472-BLK1, BS1/BSD1, 10, 17, 18
SSCV BNA#7	4,6-Dinitro-2-methylphenol	51.9/61.1	UJ/J	BA50472-BLK1, BS1/BSD1, 10, 17, 18
SSCV BNA#7	Hexachlorobenzene	24.4	UJ	10
SSCV BNA#7	N-nitroso-di-n-propylamine	32.6	UJ/J	BA50472-BLK1, BS1/BSD1, 10, 17, 18
SSCV BNA#7	N-Nitrosodiphenylamine	34.1	UJ/J	BA50472-BLK1, BS1/BSD1, 10, 17, 18
ICal MSBNA9	2,4-Dinitrophenol	44.8	UJ/J	BA50641, 1-9, 2MS/MSD
ICal MSBNA9	4,6-Dinitro-2-methylphenol	45.9	UJ/J	BA50641, 1-9, 2MS/MSD
SSCV MSBNA9	2,3,4,6-Trichlorophenol	35.5	UJ/J	BA50641, 1-9, 2MS/MSD
SSCV MSBNA9	4,6-Dinitro-2-methylphenol	51.9	UJ/J	BA50641, 1-9, 2MS/MSD
SSCV MSBNA9	2,4-Dinitrotoluene	21.6	UJ/J	BA50641, 1-9, 2MS/MSD
SSCV MSBNA9	2-Nitrophenol	33.7	UJ/J	BA50641, 1-9, 2MS/MSD
SSCV MSBNA9	Pentachlorophenol	55.0	UJ/J	BA50641, 1-9, 2MS/MSD
SSCV MSBNA9	Benzidine	55.9	UJ/J	BA50641-BLK, 1-9
ICal BNA#4	Benzoic acid	26.2	UJ	11-16
SSCV BNA#4	2,4-Dimethylphenol	-32.9	UJ	11-16

Ical/ICV instrument or ID	Target Analyte	RRF/%RSD/%D	Qualifier	Associated Sample
SSCV BNA#4	Hexachlorocyclopentadiene	-53.9	UJ	11-16
SSCV BNA#4	Pyridine	-32.3	UJ	11-16
ICal BNA#6	Bis(2chloroethoxy)methane	27.2	UJ/J	BA50567, 16MS/MSD
SSCV BNA#6	2,3,4,6-Trichlorophenol	21.5	UJ/J	BA50567, 16MS/MSD
SSCV BNA#6	2,4-Dimethylphenol	27.0	UJ/J	BA50567, 16MS/MSD
SSCV BNA#6	Bis(2chloroethoxy)methane	20.3	UJ/J	BA50567, 16MS/MSD
SSCV BNA#6	3,3'-Dichlorobenzidine	119	UJ/J	BA50567, 16MS/MSD

Alternate forms of regression were performed on target analytes in which the %RSD >20%, with acceptable results.
Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1021-CCV1	Pentachlorophenol	-56.4	UJ	BA50472-BLK2/BS2, 17, 18
S5A1019-CCV1	2,3,4,6-Tetrachlorophenol	51.9	UJ/J	BA50472-BLK1/BS1/BSD1, 17, 18
S5A1019-CCV1	4-Nitrophenol	58.4	UJ/J	BA50472-BLK1/BS1/BSD1, 17, 18
S5A1019-CCV1	N-Nitrosodiphenylamine	38.0	UJ/J	BA50472-BLK1/BS1/BSD1, 17, 18
S5A1307-CCV1	Azobenzene	-23.2	UJ	11-16
S5A1307-CCV1	4-Nitrophenol	61.1	UJ	11-16
S5A1307-CCV1	Benzoic acid	-93.5	UJ	11-16
S5A1307-CCV1	Bis(2-chloroisopropyl)ether	-57.7	UJ	11-16
S5A1307-CCV1	Hexachlorocyclopentadiene	-90.8	UJ	11-16

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1307-CCV1	N-Nitrosodimethylamine	-22.4	UJ	11-16
S5A1411-CCV1	1,2,4-Trichlorobenzene	-34.1	UJ/J	BA50567, 16MS/MSD
S5A1411-CCV1	2,4,5-Trichlorophenol	-20.3	UJ/J	BA50567, 16MS/MSD
S5A1411-CCV1	2,4-Dichlorophenol	-25.7	UJ/J	BA50567, 16MS/MSD
S5A1411-CCV1	4-Chlorophenyl phenyl ether	-21.7	UJ/J	BA50567, 16MS/MSD
S5A1411-CCV1	Benzoic acid	-51.8	UJ/J	BA50567, 16MS/MSD
S5A1411-CCV1	Di-n-butyl phthalate	20.5	UJ/J	BA50567, 16MS/MSD
S5A1411-CCV1	Nitrobenzene	-20.4	UJ/J	BA50567, 16MS/MSD
S5A1414-CCV1	2,3,4,6-Tetrachlorophenol	62.0	UJ	10
S5A1414-CCV1	4-Nitrophenol	70.2	UJ	10
S5A1414-CCV1	N-Nitrosodiphenylamine	44.8	UJ	10
S5A1414-CCV1	2,4-Dinitrophenol	68.4	UJ	10
S5A1414-CCV1	2-Methylphenol	22.3	UJ	10
S5A1414-CCV1	3-Nitroaniline	29.8	UJ	10
S5A1414-CCV1	Butylbenzylphthalate	31.7	UJ	10
S5A1414-CCV1	Bis(2-ethylhexyl)phthalate	25.5	UJ	10
S5A1414-CCV1	Hexachlorobenzene	32.3	UJ	10
S5A1414-CCV1	N-nitroso-di-n-propylamine	46.0	UJ	10
S5A1414-CCV1	4,6-Dinitro-2-methylphenol	44.1	UJ	10
S5A1422-CCV1	2,3,4,6-Tetrachlorophenol	27.9	UJ/J	BA50641, 1-9, 2MS/MSD
S5A1422-CCV1	2-Nitrophenol	27.2	UJ/J	BA50641, 1-9, 2MS/MSD

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1422-CCV1	2,4-Dinitrophenol	111	UJ/J	BA50641, 1-9, 2MS/MSD
S5A1422-CCV1	4,6-Dinitro-2-methylphenol	94.7	UJ/J	BA50641, 1-9, 2MS/MSD
S5A1422-CCV1	2,4-Dinitrotoluene	27.3	UJ/J	BA50641, 1-9, 2MS/MSD
S5A1422-CCV1	2,6-Dinitrotoluene	22.4	UJ/J	BA50641, 1-9, 2MS/MSD
S5A1422-CCV1	Benzidine	51.3	UJ/J	BA50641-BLK, 1-9
S5A1422-CCV1	Benzoic acid	54.6	UJ/J	BA50641, 1-9, 2MS/MSD
S5A1422-CCV1	Pentachlorophenol	66.4	UJ/J	BA50641, 1-9, 2MS/MSD

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK
All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, MS/MSD and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec TCMX was outside QC limits, low off both columns in DUSR ID#18. All target analytes in this sample should be qualified as estimated.
The %Rec of TCMX was outside QC limits, low off column 2 in BA50563-BS1. All target analytes off column 2 in this spike should be qualified as estimated.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met except 4,4'-DDE and 4,4'-DDT were detected in DUSR ID#10 but were not detected in #7.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except the %RPD of a target analyte was outside QC limits between the matrix spike and the matrix spike duplicate and should be qualified as estimated.

MS/MSD ID	Target Analyte	%RPD col1	Qualifier	Associated Sample
2	4,4'DDE	30.8	J	2
2	alpha-BHC	32.0	UJ	2
2	delta-BHC	32.3	UJ	2
2	Endosulfan I	31.3	UJ	2
2	gamma-Chlordane	30.6	UJ	2
2	Heptachlor epoxide	30.2	UJ	2

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.
Some target analytes were outside QC limits off the confirmatory column, so no further action is required.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D column1	%D column2	Qualifier	Associated Sample
S5A1012-CCV2	Chlordane	33.1	-	UJ	BA50563-BLK
S5A1012-CCV3	Toxaphene	59.6	-	UJ	BA50563-BLK
S5A1310-CCV2	Chlordane	28.8	-	UJ	BA50627-BLK, 3-16
S5A1310-CCV3	Toxaphene	56.4	-	UJ	BA50627-BLK, 3-16
S5A1310-CCV4	Methoxychlor	26.1	30.4	UJ	3-8
S5A1310-CCV5	Methoxychlor	28.9	32.1	UJ	3-16
S5A1310-CCV6	Methoxychlor	27.3	32.0	UJ	BA50627-BLK, 9-16
S5A1310-CCV7	Methoxychlor	30.7	36.3	UJ	BA50627-BLK
S5A1313-CCV3	Toxaphene	33.4	-	UJ	17
S5A1313-CCV6	4,4'-DDT	32.1	28.9	UJ	17
S5A1313-CCV6	Methoxychlor	38.7	35.7	UJ	17
S5A1413-CCV2	Chlordane	39.2	-	UJ	BA50640-BLK, 1, 2, 18
S5A1413-CCV3	Toxaphene	65.6	-	UJ	BA50640-BLK, 1, 2, 18

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Sample and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec DCBP was outside QC limits, low off column 1 in DUSR ID#6. All target analytes in this sample should be qualified as estimated.
Some surrogates were outside QC limits off column 2. This column was the confirmatory column, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except the %Rec of Aroclor 1016 off column 2 was outside QC limits, low in BA50563-BS2 and should be qualified as estimated. Column 2 was confirmatory in the associated samples, so no further action is required.

MS/MSD
All the criteria were met except a couple of target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

MS/MSD ID	Target Analyte	%RPD col1	%RPD col2	Qualifier	Associated Sample
2	Aroclor 1016	54.6	53.8	UJ	2
2	Aroclor 1260	43.8	43.3	UJ	2
9	Aroclor 1016	18.5	17.1	UJ	9

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes and TCMX with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD

- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Surrogate Spike Recoveries.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of 2,4-Dichlorophenylacetic acid was outside QC limits, low off both columns in DUSR ID#10. All target analytes in this sample should be qualified as estimated.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All the criteria were met.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except the initial calibration results obtained using MassHunter were not included in the original package. Those pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of some surrogates was outside QC limits and should be qualified as estimated.

Surrogate	Associate Target Analyte	Qualifier	Associated Sample
MPFBA	PFBA	UJ/J	BA50631-MB, 8, 2MS
MPFBA <10%	PFBA	R	BA50519, BA50650, BA50651, 5, 6, 9, 12-18
M5PFPeA	PFMPA, PFPeA, PFMBA, 3-Perfluoropropyl propanoic acid	UJ	5
M2PFTeDA	PFTeDA, PFTrDA	UJ	BA50519-MB
d3-NMeFOSAA	NMeFOSAA	UJ	3
d5-NEtFOSAA	NEtFOSAA	J	BA50631-BS1
M2-8:2FTS	8:2FTS	UJ/J	BA50631, 4, 14
d-N-NMeFOSA	NMeFOSA	UJ/J	BA50519, BA50631-MB, 3, 14-16
d-N-NEtFOSA	NEtFOSA	UJ/J	BA50519, BA50631-MB, 3, 12-16
d9-NEtFOSE	NEtFOSE	UJ/J	BA50519-MB/BS1, BA50631-MB, 3, 12-16
d7-NMeFOSE	NMeFOSE	UJ/J	BA50519-MB, BA50631-MB, 3, 8, 12, 13, 15, 16, 2MS

BLANKS
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met except PFHxA was detected in DUSR ID#10 but was not detected in #7.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50519-BS1	11Cl-PF3Ouds	63.9	UJ	1-5
BA50519-BS1	9Cl-PF3ONS	69.7	UJ	1-5

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50519-BS1	FPrPA	58.1	UJ	1-5
BA50519-BS1	PFMPA	11.6	UJ	1-5
BA50519-BS2	11Cl-PF3Ouds	61.0	UJ	1-5
BA50519-BS2	9Cl-PF3ONS	63.1	UJ	1-5
BA50519-BS2	FPrPA	41.7	UJ	1-5
BA50519-BS2	NEtFOSA	68.9	UJ	1-5
BA50519-BS2	PFMPA	8.16	UJ	1-5
BA50631-BS1	NEtFOSA	68.1	UJ	6-11
BA50631-BS1	FOSA	60.9	UJ	6-11
BA50631-BS1	PFDA	68.5	UJ	6-11
BA50631-BS1	PFDoS	54.6	UJ	6-11
BA50631-BS1	PFNA	64.0	UJ/J	6-11
BA50631-BS2	11Cl-PF3Ouds	66.6	UJ	6-11
BA50631-BS2	FOSA	68.3	UJ	6-11
BA50631-BS2	NFDHA	57.7	UJ	6-11
BA50631-BS2	PFDA	68.9	UJ	6-11
BA50631-BS2	PFDoS	34.0	UJ	6-11
BA50650-BS1	FPrPA	60.1	UJ	17, 18
BA50650-BS1	PFMPA	12.0	UJ	17, 18
BA50650-BS1	PFDoS	60.5	UJ	17, 18
BA50650-BS2	FPrPA	64.3	UJ	17, 18
BA50650-BS2	PFDS	63.5	UJ	17, 18
BA50650-BS2	PFMPA	8.43	UJ	17, 18
BA50650-BS2	PFDoS	52.6	UJ	17, 18
BA50650-BS2	PFDoA	67.8	UJ	17, 18
BA50650-BS2	PFBA	52.3	UJ	17, 18
BA50651-BS1	FPrPA	69.2	UJ	12-16
BA50651-BS1	PFMPA	13.0	UJ	12-16
BA50651-BS1	PFDoS	66.8	UJ	12-16
BA50651-BS2	FPrPA	58.8	UJ	12-16
BA50651-BS2	PFMPA	7.90	UJ	12-16
BA50651-BS2	PFDoS	53.8	UJ	12-16
BA50651-BS2	PFBA	48.9	UJ	12-16

MS/MSD

All the criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #2MS	%Rec #2MSD	RPD	Qualifier	Associated Sample
PFMPA	22.7	49.6	74.4	UJ	2
PFDoS	44.5	58.6	-	UJ	2
PFOS	146	408	73.8	J	2

The %Rec of some target analytes was outside QC limits in the matrix spike of the matrix spike duplicate but not both, so no further action is required

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were used on all of the target analytes with acceptable results except where noted above.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
S5A1335-CCV2	NEtFOSAA	-88.0	UJ/J	BA50519, BA50631
S5A1460-CCV1	FPrPA	37.1	UJ/J	BA50651, BA50650-BS2
S5A1460-CCV2	FHpPA	30.2	UJ/J	BA50651, BA50650-BS2, 1-10, 2MS/MSD
S5A1460-CCV2	FPrPA	32.5	UJ/J	BA50651, BA50650-BS2, 1-10, 2MS/MSD
S5A1460-CCV3	FPrPA	37.3	UJ/J	1-11, 17, 18, 2MS/MSD
S5A1460-CCV3	NFDHA	-31.0	UJ/J	1-11, 17, 18, 2MS/MSD
S5A1460-CCV4	FPrPA	36.5	UJ	11, 17, 18
S5A1460-CCV6	FPrPA	32.9	UJ	12-16
S5A1460-CCV7	FPrPA	32.9	UJ	12-16
S5A1335-LCV1	PFOA	35.6	UJ/J	BA50519, BA50631, BA50650-BLK1/BS1
S5A1335-LCV1	NFDHA	-48.4	UJ/J	BA50519, BA50631, BA50650-BLK1/BS1
S5A1335-LCV1	PFDoS	-32.3	UJ/J	BA50519, BA50631, BA50650-BLK1/BS1
S5A1335-LCV1	NMeFOSA	57.4	UJ/J	BA50519, BA50631, BA50650-BLK1/BS1
S5A1335-LCV1	HFPO-DA	40.3	UJ/J	BA50519, BA50631, BA50650-BLK1/BS1
S5A1460-LCV1	FPrPA	45.2	UJ/J	BA50651, BA50650-BS2, 1-18, 2MS/MSD

METALS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Blanks
-Laboratory Control Sample
-MS/MSD/Duplicate

-Field Duplicate
-Serial Dilution
-Compound Quantitation
-Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use but are qualified below in Blanks Laboratory Control Samples, MS/MSD/Duplicate, Serial Dilution, Compound Quantitation and Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

BLANKS
All criteria were met except a couple of target analytes were detected in the blanks and should be qualified in the associated sample, if detected.

Blank ID	Target Analyte	Concentration(ug/ml)	Qualifier	Associated Sample
BA50518-BLK	K	5.43mg/kg	JH	7-13, 13DUP
S5A1026-ICB1	K	.186	JH	1-6, 2DUP
S5A1026-CCB8	K	.072	JH	1-6, 2DUP
S5A1026-CCB9	K	.380	JH	5, 6
S5A1024-ICB1	K	.186	JH	7-13, 13DUP
S5A1024-CCB8	K	.072	JH	7
S5A1024-CCB9	K	.380	JH	7-13, 13DUP
S5A1024-CCBA	K	.283	JH	8-13, 13DUP
S5A1319-ICB1	K	.230	JH	14-16
S5A1319-CCB1	K	.191	JH	14-16
S5A1319-CCB2	K	.179	JH	14-16
S5A1405-ICB1	K	.230	JH	17, 18
S5A1405-CCBC	K	.287	JH	17, 18
S5A1405-CCBD	K	.108	JH	17, 18

Blank ID	Target Analyte	Concentration(ug/ml)	Qualifier	Associated Sample
S5A1405-CCBC	Ca	.0709	JH	17, 18
S5A1405-CCBD	Ca	.0556	JH	17, 18

LABORATORY CONTROL SAMPLE

All criteria were met except a couple of target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50687	Na	134	JH	17, 18
BA50506	Sb	32.3	UJ	1-6
BA50518	Sb	31.8	UJ	7-13
BA50645	Sb	24.7	UJ	14-16

MS/MSD/DUPLICATE

All criteria were met except several target analytes were outside QC limits in the matrix spikes and duplicate and should be qualified as estimated.

MS/Duplicate ID	Target Analyte	%Rec MS	%RPD DUP	Qualifier	Associated Sample
2	Sb	36.9	-	UJ	2, 2DUP
2	Mg	410	-	JH	2, 2DUP
13	Sb	69.5	-	UJ	13, 13DUP
13	Ca	174	-	JH	13, 13DUP
13	Mg	349	-	JH	13, 13DUP
13	Mn	140	-	JH	13, 13DUP
13	K	258	-	JH	13, 13DUP
13	Ca	-	32.2	J	13, 13DUP
13	Fe	-	24.0	J	13, 13DUP
13	Zn	-	28.2	J	13, 13DUP
2	Hg	-	145	J	2, 2DUP

FIELD DUPLICATE

All criteria were met except Na was detected in DUSR ID#10 but was not detected in #7.

SERIAL DILUTION

All criteria were met except several target analytes were outside QC limits in the serial dilutions and should be qualified as estimated.

SD ID	Target Analyte	%D	Qualifier	Associated Sample
2	Ca	20.5	J	2, 2DUP
2	Pb	26.3	J	2, 2DUP
2	K	23.3	J	2, 2DUP

SD ID	Target Analyte	%D	Qualifier	Associated Sample
13	Ca	22.9	J	13, 13DUP
13	Fe	20.6	J	13, 13DUP
13	Mg	25.6	J	13, 13DUP
13	K	50.0	J	13, 13DUP

COMPOUND QUANTITATION

All criteria were met except several target analytes were detected in the sample blanks and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration(mg/L)	Qualifier	Associated Sample
17	Ca	.134	JH	1-16
17	K	.0796	JH	1-16
17	Na	.770	JH	2-4, 8-12, 14-16
18	Ca	.121	JH	1-16
18	K	.112	JH	1-16
18	Na	3.42	JH	2-4, 8-12, 14-16

CALIBRATION

All criteria were met except the %Rec of several target analytes was outside QC limits in the calibrations. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D/%Rec	Qualifier	Associated Sample
S5A1503-ICV1	Cd	111	JH	BA50686-BS, 17MS
SA51503-CCV3	Sb	81.5	UJ/J	BA50686, 17, 18, 17MS/DUP
SA51503-CCV3	Be	82.7	UJ/J	BA50686, 17, 18, 17MS/DUP
SA51503-CCV3	Cd	83.3	UJ/J	BA50686, 17, 18, 17MS/DUP
SA51503-CCV4	Sb	77.1	UJ/J	BA50686, 17, 18, 17MS/DUP
SA51503-CCV4	Be	82.5	UJ/J	BA50686, 17, 18, 17MS/DUP
SA51503-CCV4	Cd	78.8	UJ/J	BA50686, 17, 18, 17MS/DUP
SA51503-CCV4	Tl	88.6	UJ/J	BA50686, 17, 18, 17MS/DUP
SA51503-IFB1	Se	82.7	UJ/J	BA50686, 17, 18, 17MS/DUP
S5A1023-IFB1	As	.16	UJ/J	BA50506, 1-6, 2MS/DUP
S5A1024-IFB1	As	.16	UJ/J	BA50518, 7-13, 13MS/DUP
S5A1319-IFB1	Cu	116	JH	BA50645-BS, 14-16
S5A1405-IFB1	Cu	116	JH	BA50687-BS

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- Hexavalent Chromium
- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below.

CYANIDE
All criteria were met.

HEXAVALENT CHROMIUM
All criteria were met except DUSR ID#17 and #18 were analyzed outside hold time and should be qualified as estimated.

%SOLIDS
All criteria were met.

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.064	0.13	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0064	0.013	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0064	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260D	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*76-130*

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 20:29	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.201	0.401	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.401	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0502	0.100	2	EPA 8270E	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*59.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.9 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 15:06	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*126 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.134	0.213	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.354**		ug/kg dry	0.0638	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.516**		ug/kg dry	0.126	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.237**		ug/kg dry	0.216	0.220	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.252**		ug/kg dry	0.207	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**21.3**		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.06**		ug/kg dry	0.228	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.331**		ug/kg dry	0.230	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.196	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.151	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.124	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.178	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.234	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.780**		ug/kg dry	0.131	0.482	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.176	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.187	0.241	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.230	0.232	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.903	0.915	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.909	0.925	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.131	0.963	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.167	0.429	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.232	0.482	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0746	0.482	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.116	0.482	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.189	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:07	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.716	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.732	0.963	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.374	0.910	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.296	0.901	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.209	0.910	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.203	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
68259-12-1	*** Perfluoro-1-nonanesulfonic acid (PFNS)**	**0.310**		ug/kg dry	0.149	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:07	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.763	1.20	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.53	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.81	6.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.736	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.839	2.41	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.238	0.241	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:07	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*108 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*96.2 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*82.6 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*34.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*137 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*91.3 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*99.4 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*	*25-150*

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*124 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*126 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*118 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*119 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*83.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*71.1 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*68.9 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 16:36	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.199	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0398	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:04	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:39	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0240	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:27	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0240	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:27	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0240	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:27	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*91.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10400**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.54**		mg/kg dry	1.53	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**22.2**		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.324**		mg/kg dry	0.051	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.305	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1060**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**11.1**		mg/kg dry	0.509	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.19**		mg/kg dry	0.407	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**9.50**		mg/kg dry	2.04	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**8240**		mg/kg dry	25.4	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**5.89**		mg/kg dry	0.509	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1710**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**70.1**		mg/kg dry	0.509	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**5.85**		mg/kg dry	1.01	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**388**		mg/kg dry	5.09	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (O-2 IN) **York Sample ID:** 25A0380-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:50 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.513	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	50.9	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**19.6**		mg/kg dry	1.01	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**17.7**		mg/kg dry	2.53	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:16	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0366	1	EPA 7473	01/11/2025 08:15	01/13/2025 10:15	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.610	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.610	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.9**		%	0.100	1	SM 2540G	01/09/2025 06:50	01/09/2025 11:55	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

Sample Information

Client Sample ID: SB001(2 IN-24IN)

York Sample ID: 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 08:00	01/10/2025 16:09	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.171	0.341	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.341	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.0545**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.0456**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001(2 IN-24IN)

York Sample ID: 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0852	0.170	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.0490**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.103**		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.0456**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.0817**	J	mg/kg dry	0.0427	0.0852	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.5 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 15:24	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*140 %*	S-HI	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:23	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0545	0.206	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:23	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 18:23	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB001(2 IN-24IN)** **York Sample ID:** **25A0380-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.01**		ug/kg dry	0.172	0.191	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.199	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.771	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.776	0.789	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.366	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.198	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0637	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0987	0.411	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.193	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM

Sample Information

Client Sample ID: SB001(2 IN-24IN)

York Sample ID: 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.612	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.625	0.822	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.777	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 18:23	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.652	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.14	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.628	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.716	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 18:23	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*115 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*105 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*93.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*47.5 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*123 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*74.2 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*110 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*	*25-150*

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*110 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*90.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*128 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*94.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*74.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*70.0 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*63.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 17:06	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	**4,4'-DDE**	**0.00192**		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:19	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	01/12/2025 07:29	01/13/2025 12:53	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*110 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0204	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:34	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0204	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:34	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0204	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:34	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*82.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7600**		mg/kg dry	4.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.21**		mg/kg dry	1.30	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**21.3**		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.215**		mg/kg dry	0.044	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.260	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**506**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**9.45**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.76**		mg/kg dry	0.346	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**7.18**		mg/kg dry	1.73	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**6140**		mg/kg dry	21.6	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3.29**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1790**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**69.1**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**5.38**		mg/kg dry	0.862	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**650**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001(2 IN-24IN) **York Sample ID:** 25A0380-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:55 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**47.7**		mg/kg dry	43.3	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**18.7**		mg/kg dry	0.862	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**15.7**		mg/kg dry	2.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0474**		mg/kg dry	0.0311	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.3**		%	0.100	1	SM 2540G	01/09/2025 06:50	01/09/2025 11:55	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: **SB001 (6-8 FT)** **York Sample ID:** **25A0380-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB001 (6-8 FT)

York Sample ID: 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 21:21	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (6-8 FT)

York Sample ID: 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0939	0.188	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (6-8 FT)

York Sample ID: 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0470	0.0939	2	EPA 8270E	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*87.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*82.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 15:41	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*112 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB001 (6-8 FT)** **York Sample ID:** **25A0380-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.235**		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.846	0.858	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0700	0.451	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:12	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.671	0.846	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:12	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.715	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:12	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*129 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.6 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*93.1 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*79.4 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*55.7 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*53.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*54.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*102 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*58.9 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*120 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*55.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*49.6 %*	*25-150*

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*50.3 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*75.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*51.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*70.1 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.5 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*30.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*39.2 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*38.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 17:35	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.186	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0373	5	EPA 8081B	01/11/2025 07:54	01/12/2025 17:54	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:25	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-120*

Sample Information

Client Sample ID: SB001 (6-8 FT)

York Sample ID: 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0225	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:41	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0225	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:41	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0225	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:41	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*80.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5220**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.68**		mg/kg dry	1.43	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**16.9**		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.191**		mg/kg dry	0.048	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.286	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**476**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**7.39**		mg/kg dry	0.477	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.29**		mg/kg dry	0.381	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**5.87**		mg/kg dry	1.91	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**6030**		mg/kg dry	23.8	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**3.09**		mg/kg dry	0.477	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1100**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**76.7**		mg/kg dry	0.477	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**3.53**		mg/kg dry	0.950	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**567**		mg/kg dry	4.77	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB001 (6-8 FT) **York Sample ID:** 25A0380-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 8:58 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**47.7**		mg/kg dry	47.7	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**12.9**		mg/kg dry	0.950	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**10.2**		mg/kg dry	2.37	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:24	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0343	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.572	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.572	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.4**		%	0.100	1	SM 2540G	01/09/2025 06:50	01/09/2025 11:55	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.053	0.11	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB002 (0-2IN)

York Sample ID: 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0053	0.011	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0053	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB002 (0-2IN)

York Sample ID: 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 21:48	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.202	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.7 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.4 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 16:00	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:28	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0652	0.246	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.129	0.246	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:28	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB002 (0-2IN)** **York Sample ID:** **25A0380-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.220	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.212	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**6.48**		ug/kg dry	0.205	0.229	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.233	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.235	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.244	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.201	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.154	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.127	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.182	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.239	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.148**	J	ug/kg dry	0.134	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.180	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.191	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.235	0.237	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.923	0.935	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.929	0.945	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.134	0.984	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.171	0.438	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.237	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0763	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.118	0.492	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.193	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM

Sample Information

Client Sample ID: SB002 (0-2IN)

York Sample ID: 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.732	0.923	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.748	0.984	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.383	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.303	0.920	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.214	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.208	0.239	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.153	0.236	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:28	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.780	1.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.58	6.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.85	6.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.752	2.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.221	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.858	2.46	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.244	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:28	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*121 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*118 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*119 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*97.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*101 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*67.9 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*98.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*110 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*117 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*101 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*	*25-150*

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*136 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*156 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*138 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*71.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*67.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*64.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 18:04	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.201	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0402	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:10	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:39	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-120*

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0243	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:48	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0243	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:48	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0243	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:48	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*97.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14200**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**4.09**		mg/kg dry	1.54	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**29.8**		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.462**		mg/kg dry	0.052	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.309	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**788**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.2**		mg/kg dry	0.515	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.61**		mg/kg dry	0.411	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**10.6**		mg/kg dry	2.06	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11900**		mg/kg dry	25.7	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**6.37**		mg/kg dry	0.515	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2900**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**151**		mg/kg dry	0.515	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**7.91**		mg/kg dry	1.03	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**838**		mg/kg dry	5.15	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (0-2IN) **York Sample ID:** 25A0380-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:28 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**77.8**		mg/kg dry	51.5	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.57	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**31.6**		mg/kg dry	1.03	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**22.5**		mg/kg dry	2.56	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:25	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0371	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.618	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.618	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**80.9**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 22:14	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.346	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0863	0.172	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0433	0.0863	2	EPA 8270E	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.2 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 13:04	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0556	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.110	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB002 (2 IN -24 IN)** **York Sample ID:** **25A0380-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.188	0.192	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.189**	J	ug/kg dry	0.181	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.33**		ug/kg dry	0.175	0.195	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.198	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.171	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.131	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.155	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.204	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.114	0.420	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.153	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.210	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.787	0.798	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.793	0.806	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.114	0.840	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.374	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV -L	ug/kg dry	0.203	0.420	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0651	0.420	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.420	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.197	1	EPA 1633 Draft 3	01/10/2025 08:57	01/14/2025 19:44	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.625	0.787	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.638	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.327	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.258	0.785	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.794	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.177	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.130	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/10/2025 08:57	01/14/2025 19:44	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.666	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.20	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.57	5.25	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.642	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.189	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.732	2.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/10/2025 08:57	01/14/2025 19:44	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*86.1 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.2 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*74.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*72.8 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*4.08 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*92.2 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*22.7 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*90.8 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.7 %*		*25-150*

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*89.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*87.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*97.6 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*82.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*84.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*81.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*79.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 18:34	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.171	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0343	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:25	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A	01/11/2025 07:54	01/12/2025 14:52	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-120*

Sample Information

Client Sample ID: SB002 (2 IN -24 IN)

York Sample ID: 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0207	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:55	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0207	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:55	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0207	1	EPA 8151A	01/10/2025 08:53	01/12/2025 09:55	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*101 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4130**		mg/kg dry	4.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.60**		mg/kg dry	1.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**13.6**		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.205**		mg/kg dry	0.044	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.263	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**187**		mg/kg dry	4.38	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**10.3**		mg/kg dry	0.439	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**1.86**		mg/kg dry	0.350	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**4.19**		mg/kg dry	1.75	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**5330**		mg/kg dry	21.9	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**4.62**		mg/kg dry	0.439	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1050**		mg/kg dry	4.39	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**77.1**		mg/kg dry	0.439	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**3.37**		mg/kg dry	0.873	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**405**		mg/kg dry	4.39	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (2 IN -24 IN) **York Sample ID:** 25A0380-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:31 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.442	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	43.8	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.19	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**14.2**		mg/kg dry	0.873	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**7.74**		mg/kg dry	2.18	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.526	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.526	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.1**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	**Methyl acetate**	**0.0040**	J	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB002 (6 - 8 FT)

York Sample ID: 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 22:40	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0928	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0465	0.0928	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*78.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.1 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 13:22	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB002 (6 - 8 FT)

York Sample ID: 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.834	0.845	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.839	0.854	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.889	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:00	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.661	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.831	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.840	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:00	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:00	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*103 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*107 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*108 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*102 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*123 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*121 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*104 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*103 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*1.25 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*90.7 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*25.0 %*	PFSu-L	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*78.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*85.8 %*		*25-150*

Sample Information

Client Sample ID: SB002 (6 - 8 FT)

York Sample ID: 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*83.7 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*80.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*89.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*63.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*69.7 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*62.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 19:03	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB002 (6 - 8 FT)

York Sample ID: 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:41	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:06	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-120*

Sample Information

Client Sample ID: SB002 (6 - 8 FT) **York Sample ID:** 25A0380-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.5 %*	S-08, S-GC	*30-120*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:02	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:02	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:02	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*110 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1510**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.60**		mg/kg dry	1.40	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**10.2**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.095**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**63.3**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**7.01**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**1.29**		mg/kg dry	0.372	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**9.90**		mg/kg dry	1.86	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**7120**		mg/kg dry	23.2	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.90**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**226**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**48.3**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB002 (6 - 8 FT)** **York Sample ID:** **25A0380-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 9:34 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**0.939**		mg/kg dry	0.926	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**212**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	46.5	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**8.92**		mg/kg dry	0.926	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**6.46**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 14:47	01/10/2025 12:30	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.558	1	EPA 7196A	01/09/2025 06:58	01/09/2025 11:30	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.558	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.6**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 23:06	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270E	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.1 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 13:43	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.195	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:16	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0585	0.221	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:16	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB003 (0- 2IN)** **York Sample ID:** **25A0380-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**8.18**		ug/kg dry	0.184	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.827	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.833	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.393	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.213	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0684	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.441	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.173	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.656	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.671	0.883	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.343	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.271	0.825	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:16	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.699	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.31	5.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.52	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.674	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.769	2.21	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:16	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*115 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*118 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*113 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*129 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*106 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*90.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*30.5 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*123 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*112 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*92.7 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*	*25-150*

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*135 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*147 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*118 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*66.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*71.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*65.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 19:32	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B	01/11/2025 07:54	01/12/2025 18:56	scb
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:20	NF
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

Sample Information

Client Sample ID: SB003 (0- 2IN)

York Sample ID: 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:09	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:09	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:09	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*89.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13900**		mg/kg dry	4.61	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**22.7**		mg/kg dry	1.38	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**40.8**		mg/kg dry	2.30	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.439**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1200**		mg/kg dry	4.62	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.462	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.63**		mg/kg dry	0.369	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**23.5**		mg/kg dry	1.85	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**10700**		mg/kg dry	23.1	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**8.24**		mg/kg dry	0.462	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1870**		mg/kg dry	4.62	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**94.7**		mg/kg dry	0.462	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**7.50**		mg/kg dry	0.919	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**602**	B	mg/kg dry	4.62	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (0- 2IN) **York Sample ID:** 25A0380-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:15 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	46.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	0.919	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**30.0**		mg/kg dry	2.30	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:49	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0937**		mg/kg dry	0.0332	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.554	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0050	0.010	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN)

York Sample ID: 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.9 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB003 (2 IN- 24IN)

York Sample ID: 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 23:32	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN)

York Sample ID: 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN)

York Sample ID: 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0930	0.186	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.5 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 14:01	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.197	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0589	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB003 (2 IN- 24IN)** **York Sample ID:** **25A0380-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.96**		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.216	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.215	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.834	0.845	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.840	0.854	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.890	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.396	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.215	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0689	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.445	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.209	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN)

York Sample ID: 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.662	0.834	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.676	0.890	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.346	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.274	0.832	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.841	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.188	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:32	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.705	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.67	5.56	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.679	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.775	2.22	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:32	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*108 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*109 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*99.7 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*89.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*84.3 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*11.6 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*98.4 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*109 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*83.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.3 %*		*25-150*

Sample Information

Client Sample ID: SB003 (2 IN- 24IN)

York Sample ID: 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*112 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*82.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*82.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*91.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*52.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*57.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*48.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 20:01	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B	01/11/2025 07:54	01/12/2025 19:11	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:34	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-120*

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:16	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:16	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	01/10/2025 08:53	01/12/2025 10:16	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*71.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7230**		mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.33**		mg/kg dry	1.40	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**26.2**		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.266**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**10400**		mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**8.43**		mg/kg dry	0.466	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.91**		mg/kg dry	0.373	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**9.65**		mg/kg dry	1.86	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**7830**		mg/kg dry	23.3	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**4.88**		mg/kg dry	0.466	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**7000**		mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**97.9**		mg/kg dry	0.466	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**5.03**		mg/kg dry	0.928	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**813**	B	mg/kg dry	4.66	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (2 IN- 24IN) **York Sample ID:** 25A0380-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:22 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**54.1**		mg/kg dry	46.6	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**20.2**		mg/kg dry	0.928	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**18.6**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:57	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.559	1	EPA 9014/9010C	01/09/2025 08:07	01/09/2025 14:17	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/09/2025 23:59	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0849	0.169	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*73.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.8 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 14:18	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.112	0.179	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0537	0.203	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.106	0.203	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.181	0.185	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.174	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.169	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.191	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.193	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.165	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.104	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.196	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.110	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.193	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.760	0.770	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.765	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.110	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.361	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.195	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0628	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0972	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.603	0.760	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.616	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.315	0.766	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.249	0.757	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.176	0.766	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.171	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 20:48	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.642	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.12	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.619	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.706	2.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 20:48	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*128 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*114 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*101 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*92.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*70.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*1.33 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*90.2 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*41.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*75.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*98.5 %*		*25-150*

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*107 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*56.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*120 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*58.4 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*57.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0331	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:13	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A	01/11/2025 07:54	01/12/2025 15:48	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

Sample Information

Client Sample ID: SB003 (6 - 8FT)

York Sample ID: 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0201	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:27	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0201	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:27	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0201	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:27	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*90.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2690**		mg/kg dry	4.25	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.13	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.59**		mg/kg dry	1.28	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**12.5**		mg/kg dry	2.12	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.197**		mg/kg dry	0.043	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.255	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1400**		mg/kg dry	4.25	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.426	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**1.93**		mg/kg dry	0.340	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**7.92**		mg/kg dry	1.70	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**6780**		mg/kg dry	21.3	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.82**		mg/kg dry	0.426	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**856**		mg/kg dry	4.26	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**59.3**		mg/kg dry	0.426	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**2.23**		mg/kg dry	0.847	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**454**	B	mg/kg dry	4.26	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.13	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB003 (6 - 8FT) **York Sample ID:** 25A0380-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:25 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.429	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**43.0**		mg/kg dry	42.5	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.13	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**8.74**		mg/kg dry	0.847	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**9.08**		mg/kg dry	2.12	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:58	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.510	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.510	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.0**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB00X **York Sample ID:** 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0043	0.0085	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/10/2025 00:25	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.7 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 14:36	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0633**	J	ug/kg dry	0.0592	0.223	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**6.64**		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.838	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.843	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0693	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.665	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.679	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.347	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:04	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.708	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.683	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.779	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:04	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*109 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*98.3 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*103 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*103 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.5 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*78.7 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.4 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*63.4 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*93.9 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*98.8 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*78.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*93.1 %*	*25-150*

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*130 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*145 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*104 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*121 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*90.0 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*59.9 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*55.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/12/2025 07:33	01/13/2025 20:30	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	**4,4'-DDE**	**0.00315**		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	**4,4'-DDT**	**0.00268**		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:29	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:01	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*	*30-120*

Sample Information

Client Sample ID: SB00X

York Sample ID: 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:34	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:34	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:34	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*17.8 %*	S-04, S-08	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11600**		mg/kg dry	4.64	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**27.1**		mg/kg dry	1.39	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**38.1**		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.434**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1850**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**15.5**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.71**		mg/kg dry	0.371	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**62.4**		mg/kg dry	1.86	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**8950**		mg/kg dry	23.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**42.1**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1590**		mg/kg dry	4.65	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**86.4**		mg/kg dry	0.465	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**5.70**		mg/kg dry	0.925	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**587**	B	mg/kg dry	4.65	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB00X **York Sample ID:** 25A0380-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:18 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.468	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**55.1**		mg/kg dry	46.5	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**20.8**		mg/kg dry	0.925	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**24.2**		mg/kg dry	2.31	1	EPA 6010D	01/09/2025 16:30	01/10/2025 12:59	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.192**		mg/kg dry	0.0334	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0043	0.0087	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/10/2025 00:51	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.187	0.374	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.374	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0933	0.186	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270E	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*69.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.7 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 15:10	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.551**		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.872**		ug/kg dry	0.119	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.207	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**1.94**		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**9.93**		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.519**		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.628**		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.847	0.858	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.867	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.265**	J	ug/kg dry	0.123	0.903	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0700	0.451	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3	01/11/2025 09:06	01/14/2025 21:53	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.672	0.847	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.903	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.278	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/11/2025 09:06	01/14/2025 21:53	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.716	1.13	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.690	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.787	2.26	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/11/2025 09:06	01/14/2025 21:53	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*100 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*121 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*90.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.2 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*85.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*79.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*104 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*110 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*88.3 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*95.0 %*	*25-150*

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*109 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*89.5 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.7 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*60.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*60.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*77.0 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*67.9 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/10/2025 09:00	01/11/2025 14:59	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	01/11/2025 07:54	01/12/2025 20:44	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:15	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*	*30-120*

Sample Information

Client Sample ID: SB004 (0- 2IN)

York Sample ID: 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:41	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:41	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:41	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*60.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11100**		mg/kg dry	4.69	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.35	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**5.27**		mg/kg dry	1.41	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**29.2**		mg/kg dry	2.34	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.335**		mg/kg dry	0.047	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.282	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**17100**		mg/kg dry	4.69	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**13.5**		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.86**		mg/kg dry	0.375	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**19.0**		mg/kg dry	1.88	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**12200**		mg/kg dry	23.5	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**9.46**		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2100**		mg/kg dry	4.70	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**113**		mg/kg dry	0.470	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**8.95**		mg/kg dry	0.935	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**585**	B	mg/kg dry	4.70	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.35	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (0- 2IN) **York Sample ID:** 25A0380-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:45 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.473	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**215**		mg/kg dry	46.9	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.35	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**24.4**		mg/kg dry	0.935	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**35.2**		mg/kg dry	2.34	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:01	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0338	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.89**		mg/kg dry	0.563	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.563	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.8**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0065	0.013	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0032	0.0065	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB004 (2 IN-24 IN)

York Sample ID: 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/10/2025 01:17	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN)

York Sample ID: 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.172	0.344	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN)

York Sample ID: 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0859	0.172	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN)

York Sample ID: 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0431	0.0859	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.9 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*41.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.6 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 15:29	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*90.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.115	0.183	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.131**	J	ug/kg dry	0.0548	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.499**		ug/kg dry	0.108	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB004 (2 IN-24 IN)** **York Sample ID:** **25A0380-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.681**		ug/kg dry	0.185	0.189	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.190**	J	ug/kg dry	0.178	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.495**		ug/kg dry	0.173	0.192	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.169**	J	ug/kg dry	0.113	0.413	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.151	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.775	0.785	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.780	0.794	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.113	0.827	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.144	0.368	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.413	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0641	0.413	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0992	0.413	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 11:45	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.615	0.775	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.628	0.827	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.321	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.254	0.773	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.180	0.781	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.175	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 11:45	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.655	1.03	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.17	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.55	5.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.631	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.186	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.720	2.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 11:45	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*110 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*92.5 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*77.9 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*70.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*49.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*4.66 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*90.3 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*89.3 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*103 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*115 %*		*25-150*

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*134 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*117 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*102 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*100 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*50.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*38.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*45.8 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*49.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/10/2025 09:00	01/11/2025 15:29	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN)

York Sample ID: 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:00	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:29	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-120*

Sample Information

Client Sample ID: SB004 (2 IN-24 IN)

York Sample ID: 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0204	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:48	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0204	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:48	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0204	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:48	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*71.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3780**		mg/kg dry	4.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.47**		mg/kg dry	1.30	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**18.5**		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.258**		mg/kg dry	0.044	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**116**		mg/kg dry	4.32	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**5.40**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.01**		mg/kg dry	0.345	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**6.76**		mg/kg dry	1.73	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**9050**		mg/kg dry	21.6	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.13**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**864**		mg/kg dry	4.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**88.3**		mg/kg dry	0.433	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**3.44**		mg/kg dry	0.861	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**887**	B	mg/kg dry	4.33	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (2 IN-24 IN) **York Sample ID:** 25A0380-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:50 am	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.436	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**46.8**		mg/kg dry	43.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.16	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**11.2**		mg/kg dry	0.861	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**19.0**		mg/kg dry	2.15	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:02	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**96.4**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB004 (6- 8 FT)

York Sample ID: 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/10/2025 01:43	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (6- 8 FT)

York Sample ID: 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.168	0.336	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (6- 8 FT)

York Sample ID: 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0839	0.168	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (6- 8 FT)

York Sample ID: 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0420	0.0839	2	EPA 8270E	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 15:45	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.112	0.179	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:01	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.636**		ug/kg dry	0.0537	0.202	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:01	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.131**	J	ug/kg dry	0.106	0.202	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:01	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB004 (6- 8 FT)** **York Sample ID:** **25A0380-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.181	0.185	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.174	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.169	0.188	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.191	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.193	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.165	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.104	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.150	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.196	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.206**	J	ug/kg dry	0.110	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.148	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.157	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.193	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
27619-97-2	* **1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**11.5**		ug/kg dry	0.759	0.769	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**1.36**		ug/kg dry	0.764	0.778	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.110	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.141	0.360	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.195	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0628	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0972	0.405	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.159	0.190	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM

Sample Information

Client Sample ID: SB004 (6- 8 FT)

York Sample ID: 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.602	0.759	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.616	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.315	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.249	0.757	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.176	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.171	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.194	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:01	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.642	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.12	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.52	5.06	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.619	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.182	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.706	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.200	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:01	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*102 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*111 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*89.9 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.1 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*62.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*60.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*2.17 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*102 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*69.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*94.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*55.5 %*		*25-150*

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*75.7 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*71.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*65.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*86.7 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*64.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*44.4 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*42.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*49.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/10/2025 09:00	01/11/2025 15:59	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (6- 8 FT)

York Sample ID: 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.164	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0329	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:15	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0166	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:43	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*	*30-120*

Sample Information

Client Sample ID: SB004 (6- 8 FT)

York Sample ID: 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0199	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:55	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0199	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:55	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0199	1	EPA 8151A	01/09/2025 08:08	01/11/2025 17:55	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*76.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**977**		mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.27	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**6.64**		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		mg/kg dry	0.043	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.253	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**77.8**		mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**1.97**		mg/kg dry	0.422	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**1.13**		mg/kg dry	0.337	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**2.89**		mg/kg dry	1.69	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**2000**		mg/kg dry	21.1	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.17**		mg/kg dry	0.422	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**232**		mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**39.9**		mg/kg dry	0.422	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**0.945**		mg/kg dry	0.840	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**238**	B	mg/kg dry	4.22	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB004 (6- 8 FT) **York Sample ID:** 25A0380-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 10:55 am	01/08/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.425	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	42.2	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.11	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**2.96**		mg/kg dry	0.840	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**2.96**		mg/kg dry	2.10	1	EPA 6010D	01/09/2025 16:30	01/10/2025 13:03	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0304	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.506	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.506	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.8**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	**Acetone**	**0.11**	ICVE, QL-02	mg/kg dry	0.0057	0.011	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0057	0.011	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0057	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/10/2025 02:10	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0957	0.191	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0480	0.0957	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.1 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 16:03	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:17	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.234**		ug/kg dry	0.0613	0.231	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:17	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.251**		ug/kg dry	0.121	0.231	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:17	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.207	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.596**		ug/kg dry	0.199	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3.98**		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.16**		ug/kg dry	0.219	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.418**		ug/kg dry	0.221	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.571**		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.189	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.145	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.171	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.224	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.440**	J	ug/kg dry	0.126	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.868	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.874	0.889	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.926	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.161	0.412	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.223	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0717	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.463	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.182	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.688	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.703	0.926	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.360	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.285	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.196	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:17	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.734	1.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.43	5.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.79	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.707	2.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.806	2.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:17	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*123 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*116 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*98.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*85.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*2.58 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*97.9 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*81.8 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*80.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*110 %*		*25-150*

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*157 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*132 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*44.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*116 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*41.1 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*53.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/10/2025 09:00	01/11/2025 16:29	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	**4,4'-DDE**	**0.00471**		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	**4,4'-DDT**	**0.00261**		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	**Dieldrin**	**0.00189**		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:31	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	01/11/2025 07:54	01/12/2025 16:57	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-120*

Sample Information

Client Sample ID: SB005 (0- 2IN)

York Sample ID: 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0228	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:02	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:02	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0228	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:02	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*93.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13500**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**19.1**		mg/kg dry	1.45	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**34.8**		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.476**		mg/kg dry	0.049	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.290	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1320**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**15.8**		mg/kg dry	0.483	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.58**		mg/kg dry	0.386	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**39.5**		mg/kg dry	1.93	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**14300**		mg/kg dry	24.1	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**13.7**		mg/kg dry	0.483	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2350**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**187**		mg/kg dry	0.483	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**9.13**		mg/kg dry	0.962	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**604**		mg/kg dry	4.83	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (0- 2IN) **York Sample ID:** 25A0380-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:05 pm	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.487	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**81.3**		mg/kg dry	48.3	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**26.3**		mg/kg dry	0.962	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**29.1**		mg/kg dry	2.41	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:14	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0349**		mg/kg dry	0.0348	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.580	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.580	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN)

York Sample ID: 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB005 (2 IN-24 IN)

York Sample ID: 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/10/2025 02:36	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0927	0.185	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN)

York Sample ID: 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270E	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*96.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.4 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 16:22	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:33	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.143**	J	ug/kg dry	0.0592	0.224	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:33	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.139**	J	ug/kg dry	0.117	0.224	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:33	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN)

York Sample ID: 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.248**		ug/kg dry	0.192	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.42**		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.14**		ug/kg dry	0.211	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.173**	J	ug/kg dry	0.122	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.838	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.844	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0693	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.665	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.679	0.894	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.836	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.845	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:33	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.709	1.12	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.59	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.683	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.779	2.24	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:33	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*117 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*110 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*113 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*145 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*99.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*70.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*55.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*2.30 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*97.6 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*61.8 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*89.0 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.3 %*		*25-150*

Sample Information

Client Sample ID: SB005 (2 IN-24 IN)

York Sample ID: 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*101 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*91.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*101 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*39.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*44.6 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*30.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/10/2025 09:00	01/11/2025 16:59	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B	01/11/2025 07:54	01/12/2025 21:46	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:10	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-120*

Sample Information

Client Sample ID: SB005 (2 IN-24 IN)

York Sample ID: 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0224	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:10	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:10	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:10	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*83.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6180**		mg/kg dry	4.67	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.44**		mg/kg dry	1.40	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**19.6**		mg/kg dry	2.33	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.280**		mg/kg dry	0.047	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**337**		mg/kg dry	4.68	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**7.83**		mg/kg dry	0.468	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.84**		mg/kg dry	0.374	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**10.4**		mg/kg dry	1.87	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**8500**		mg/kg dry	23.4	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**4.13**		mg/kg dry	0.468	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1260**		mg/kg dry	4.68	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**95.5**		mg/kg dry	0.468	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**4.71**		mg/kg dry	0.931	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**572**		mg/kg dry	4.68	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (2 IN-24 IN) **York Sample ID:** 25A0380-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:08 pm	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**56.1**		mg/kg dry	46.8	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.34	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**14.2**		mg/kg dry	0.931	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**12.3**		mg/kg dry	2.33	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:15	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.561	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.081	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-64-1	Acetone	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0041	0.0081	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0081	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0020	0.0041	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0061	0.012	1	EPA 8260D	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/09/2025 13:04	01/10/2025 03:02	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CCVE	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*43.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.5 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/09/2025 08:54	01/10/2025 16:40	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.113	0.181	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0541	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.107	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.183	0.187	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.175	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.170	0.190	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.193	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.195	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.166	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.127	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.105	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.151	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.198	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.111	0.408	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.149	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.158	0.204	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.195	0.197	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.765	0.775	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.770	0.783	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.111	0.816	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.142	0.363	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.197	0.408	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0632	0.408	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0979	0.408	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.160	0.192	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 12:49	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.607	0.765	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.620	0.816	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.317	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.251	0.763	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.177	0.771	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.172	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.126	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 12:49	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.647	1.02	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.14	5.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.53	5.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.623	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.184	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.711	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 12:49	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*117 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*111 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*102 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*82.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*65.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*50.6 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*5.59 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*85.4 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*97.1 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*70.3 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*77.3 %*		*25-150*

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*80.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.9 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*101 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.3 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*36.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*28.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*36.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*33.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/10/2025 09:00	01/11/2025 17:29	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.166	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B	01/11/2025 07:54	01/12/2025 22:02	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	01/11/2025 07:54	01/12/2025 17:52	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.0 %*	*30-120*

Sample Information

Client Sample ID: SB005 (6- 8FT)

York Sample ID: 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0205	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:17	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0205	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:17	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0205	1	EPA 8151A	01/09/2025 08:08	01/11/2025 18:17	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*82.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3850**		mg/kg dry	4.28	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.92**		mg/kg dry	1.29	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**36.4**		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.148**		mg/kg dry	0.043	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.257	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**286**		mg/kg dry	4.28	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**4.74**		mg/kg dry	0.429	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.08**		mg/kg dry	0.342	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**7.38**		mg/kg dry	1.71	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**7040**		mg/kg dry	21.4	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.31**		mg/kg dry	0.429	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1800**		mg/kg dry	4.29	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**110**		mg/kg dry	0.429	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**2.02**		mg/kg dry	0.853	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1160**		mg/kg dry	4.29	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB005 (6- 8FT) **York Sample ID:** 25A0380-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Soil	January 7, 2025 2:10 pm	01/08/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.432	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**55.7**		mg/kg dry	42.8	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.14	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**10.8**		mg/kg dry	0.853	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**13.5**		mg/kg dry	2.13	1	EPA 6010D	01/12/2025 08:35	01/13/2025 11:17	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0308	1	EPA 7473	01/11/2025 08:13	01/11/2025 15:57	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A	01/09/2025 09:07	01/09/2025 13:38	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C	01/09/2025 14:42	01/09/2025 20:27	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.3**		%	0.100	1	SM 2540G	01/09/2025 06:52	01/09/2025 11:49	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**1.40**		ug/L	0.245	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	**Chloroform**	**14.5**		ug/L	0.243	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.8 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/09/2025 08:00	01/09/2025 11:56	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.1 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.250	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	QL-02, CCVE	ug/L	0.250	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:13	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 15:54	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.461	1.74	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.343	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.696	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.667	1.79	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.412	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.804	1.82	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.510	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.735	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.863	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.726	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.677	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.775	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.01	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.226	3.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.863	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.892	1.87	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.29	1.89	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.35	7.45	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.01	7.53	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.324	7.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.490	3.49	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.10	3.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.245	3.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.363	3.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.745	1.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.76	7.35	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.17	7.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.35	7.41	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.686	7.33	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.520	7.41	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.912	1.90	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.843	1.88	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.99	4.90	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.19	24.5	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.29	24.5	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.91	19.6	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.55	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.91	19.6	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.77	1.96	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:02	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*96.7 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*105 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*98.8 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*93.2 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*87.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*3.88 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*89.9 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*67.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*104 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*104 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*114 %*		*25-150*

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*78.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*99.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*74.7 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*75.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*103 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*72.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*69.7 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/09/2025 08:43	01/10/2025 13:36	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 1/7/25** **York Sample ID:** **25A0380-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 01:26	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/10/2025 23:51	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.0 %*		*30-150*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*		*30-150*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:11	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:11	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:11	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*83.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**0.134**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**0.0796**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 1/7/25 **York Sample ID:** 25A0380-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 11:45 am	01/08/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**0.770**	M-BS	mg/L	0.556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	M-BS, M-CCV 1	ug/L	0.333	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:55	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2025 08:08	01/13/2025 08:08	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes: **HT-02**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/08/2025 15:16	01/08/2025 22:16	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/10/2025 14:48	01/10/2025 18:30	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**1.45**		ug/L	0.245	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	**Chloroform**	**15.4**		ug/L	0.243	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.5 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/09/2025 08:00	01/09/2025 12:24	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*20.9 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.7 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*38.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Equipment Blank 1/7/25 **York Sample ID:** 25A0380-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.250	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	QL-02, CCVE	ug/L	0.250	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/09/2025 08:43	01/10/2025 13:44	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 16:11	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.451	1.70	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.336	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.681	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.652	1.75	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.403	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.786	1.78	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.499	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.719	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.844	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.710	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.662	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.758	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.988	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.221	3.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.844	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.873	1.83	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.85	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.19	7.29	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.97	7.36	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.316	7.67	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.479	3.41	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ng/L	2.05	3.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.240	3.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.355	3.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.729	1.80	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.72	7.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.10	7.67	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.25	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.671	7.17	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.508	7.25	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.892	1.86	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.825	1.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.95	4.79	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.03	24.0	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.08	24.0	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.83	19.2	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.52	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.83	19.2	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.73	1.92	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 00:18	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*112 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*114 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*108 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*108 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoi*	*94.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*74.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*3.60 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*91.5 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acic*	*69.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfona*	*93.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*97.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*		*25-150*

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*90.2 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*97.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*96.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*86.6 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*85.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*77.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAE	*Surrogate: d9-N-EtFOSE*	*70.5 %*			*25-150*						
D7-NMEPFOSAE	*Surrogate: d7-N-MeFOSE*	*65.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/09/2025 08:43	01/10/2025 14:06	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/13/2025 15:50	scb
						Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.7 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*13.1 %*	S-08, S-GC	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/13/2025 15:11	NF
						Certifications:				

Sample Information

Client Sample ID: Equipment Blank 1/7/25 **York Sample ID:** 25A0380-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*		*30-150*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.0 %*		*30-150*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:18	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:18	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:18	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (D*	*104 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**0.121**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**0.112**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/7/25** **York Sample ID:** **25A0380-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 12:00 pm	01/08/2025

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**3.42**	M-BS	mg/L	0.556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND	M-BS, M-CCV 1	ug/L	0.333	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/13/2025 10:52	01/14/2025 18:59	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/13/2025 08:08	01/13/2025 08:08	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** **HT-02**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/08/2025 15:16	01/08/2025 22:16	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/10/2025 14:48	01/10/2025 18:30	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Trip Blank 1/7/25 **York Sample ID:** 25A0380-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			

Sample Information

Client Sample ID: Trip Blank 1/7/25 **York Sample ID:** 25A0380-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Trip Blank 1/7/25 **York Sample ID:** 25A0380-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/09/2025 08:00	01/09/2025 12:52	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: Trip Blank 1/7/25 **York Sample ID:** 25A0380-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0380	ORFD2301	Water	January 7, 2025 3:00 pm	01/08/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.8 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.6 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/09/2025 08:00	01/09/2025 12:52	PD

Certifications:

York Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25A0380

Client : H2M architects + engineers

Client Project ID : ORFD2301

Prepared for : Stephen Kaplan

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 01/08/2025 7:10 PM

19 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{1.2}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
SB001 (O-2 IN)	25A0380-01	Soil	01/07/2025 8:50 AM	01/08/2025 7:10 PM
SB001(2 IN-24IN)	25A0380-02	Soil	01/07/2025 8:55 AM	01/08/2025 7:10 PM
SB001 (6-8 FT)	25A0380-03	Soil	01/07/2025 8:58 AM	01/08/2025 7:10 PM
SB002 (0-2IN)	25A0380-04	Soil	01/07/2025 9:28 AM	01/08/2025 7:10 PM
SB002 (2 IN -24 IN)	25A0380-05	Soil	01/07/2025 9:31 AM	01/08/2025 7:10 PM
SB002 (6 - 8 FT)	25A0380-06	Soil	01/07/2025 9:34 AM	01/08/2025 7:10 PM
SB003 (0- 2IN)	25A0380-07	Soil	01/07/2025 10:15 AM	01/08/2025 7:10 PM
SB003 (2 IN- 24IN)	25A0380-08	Soil	01/07/2025 10:22 AM	01/08/2025 7:10 PM
SB003 (6 - 8FT)	25A0380-09	Soil	01/07/2025 10:25 AM	01/08/2025 7:10 PM
SB00X	25A0380-10	Soil	01/07/2025 10:18 AM	01/08/2025 7:10 PM
SB004 (0- 2IN)	25A0380-11	Soil	01/07/2025 10:45 AM	01/08/2025 7:10 PM
SB004 (2 IN-24 IN)	25A0380-12	Soil	01/07/2025 10:50 AM	01/08/2025 7:10 PM
SB004 (6- 8 FT)	25A0380-13	Soil	01/07/2025 10:55 AM	01/08/2025 7:10 PM
SB005 (0- 2IN)	25A0380-14	Soil	01/07/2025 2:05 PM	01/08/2025 7:10 PM
SB005 (2 IN-24 IN)	25A0380-15	Soil	01/07/2025 2:08 PM	01/08/2025 7:10 PM
SB005 (6- 8FT)	25A0380-16	Soil	01/07/2025 2:10 PM	01/08/2025 7:10 PM
Field Blank 1/7/25	25A0380-17	Water	01/07/2025 11:45 AM	01/08/2025 7:10 PM
Equipment Blank 1/7/25	25A0380-18	Water	01/07/2025 12:00 PM	01/08/2025 7:10 PM
Trip Blank 1/7/25	25A0380-19	Water	01/07/2025 3:00 PM	01/08/2025 7:10 PM

WorkOrder Comments

Received samples 25A0380-17 and 25A0380-18 Field and Equipment blank out of hold for Chromium,Hexavalent. Reached out to the Project Manager and anaylst to inform them. Was then told to create a Corrective Order. -ME 1/10/25

2.0 Methodology

Analysis Class	Preparation Method	Analysis Methodology
VOA	EPA 5030B	EPA 8260D
VOA	EPA 5035A	EPA 8260D
SVOA	EPA 3510C	EPA 8270D
SVOA	EPA 3510C	EPA 8270D SIM
SVOA	EPA 3550C	EPA 8270D SIM
SVOA	EPA 3510C	EPA 8270E
SVOA	EPA 3550C	EPA 8270E
SVOA	EPA 3535A	EPA 8270E SIM
PFAS	EPA 1633 Prep	EPA 1633 Draft 3
PEST	EPA 3550C	EPA 8081B
PEST	EPA SW846-3510C Low Level	EPA 8081B
ARO	EPA 3550C	EPA 8082A
ARO	EPA SW846-3510C Low Level	EPA 8082A
HERB	EPA 3550C/8151A	EPA 8151A
HERB	EPA 8151A	EPA 8151A
METALS	EPA 3015A	EPA 6010D
METALS	EPA 3050B	EPA 6010D
METALS	EPA 3015A	EPA 6020B
HG	EPA SW846-7470A	EPA 7470
HG	EPA 7473 soil	EPA 7473
WET	Analysis Preparation	EPA 7196A
WET	EPA SW846-3060	EPA 7196A
WET	Analysis Preparation Soil	EPA 9014/9010C
WET	% Solids Prep	SM 2540G
WET	Analysis Preparation	SM 4500 CN C-2016 / E-20

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB001 (O-2 IN)	EPA 1633 Draft 3	25A0380-01	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB001(2 IN-24IN)	EPA 1633 Draft 3	25A0380-02	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB001 (6-8 FT)	EPA 1633 Draft 3	25A0380-03	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB002 (0-2IN)	EPA 1633 Draft 3	25A0380-04	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB002 (0-2IN)	EPA 1633 Draft 3	25A0380-04	Soil	Perfluoropentanoic acid (PFPeA)	J
SB002 (2 IN -24 IN)	EPA 1633 Draft 3	25A0380-05	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB002 (2 IN -24 IN)	EPA 1633 Draft 3	25A0380-05	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB002 (2 IN -24 IN)	EPA 1633 Draft 3	25A0380-05	Soil	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	PFSu-L
SB002 (2 IN -24 IN)	EPA 1633 Draft 3	25A0380-05	Soil	Perfluorooctanoic acid (PFOA)	J
SB002 (6 - 8 FT)	EPA 1633 Draft 3	25A0380-06	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB002 (6 - 8 FT)	EPA 1633 Draft 3	25A0380-06	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB002 (6 - 8 FT)	EPA 1633 Draft 3	25A0380-06	Soil	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	PFSu-L
SB003 (0- 2IN)	EPA 1633 Draft 3	25A0380-07	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB003 (2 IN- 24IN)	EPA 1633 Draft 3	25A0380-08	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB003 (2 IN- 24IN)	EPA 1633 Draft 3	25A0380-08	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB003 (6 - 8FT)	EPA 1633 Draft 3	25A0380-09	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB003 (6 - 8FT)	EPA 1633 Draft 3	25A0380-09	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB00X	EPA 1633 Draft 3	25A0380-10	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB00X	EPA 1633 Draft 3	25A0380-10	Soil	Perfluorohexanoic acid (PFHxA)	J
SB004 (0- 2IN)	EPA 1633 Draft 3	25A0380-11	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB004 (0- 2IN)	EPA 1633 Draft 3	25A0380-11	Soil	Perfluoro-n-butanoic acid (PFBA)	J
SB004 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-12	Soil	Perfluorohexanoic acid (PFHxA)	J
SB004 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-12	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB004 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-12	Soil	Perfluorooctanoic acid (PFOA)	J
SB004 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-12	Soil	Perfluoropentanoic acid (PFPeA)	J

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB004 (6- 8 FT)	EPA 1633 Draft 3	25A0380-13	Soil	Perfluoroheptanoic acid (PFHpA)	J
SB004 (6- 8 FT)	EPA 1633 Draft 3	25A0380-13	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB004 (6- 8 FT)	EPA 1633 Draft 3	25A0380-13	Soil	Perfluoropentanoic acid (PFPeA)	J
SB005 (0- 2IN)	EPA 1633 Draft 3	25A0380-14	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB005 (0- 2IN)	EPA 1633 Draft 3	25A0380-14	Soil	Perfluoropentanoic acid (PFPeA)	J
SB005 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-15	Soil	Perfluoroheptanoic acid (PFHpA)	J
SB005 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-15	Soil	Perfluorohexanoic acid (PFHxA)	J
SB005 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-15	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
SB005 (2 IN-24 IN)	EPA 1633 Draft 3	25A0380-15	Soil	Perfluoropentanoic acid (PFPeA)	J
SB005 (6- 8FT)	EPA 1633 Draft 3	25A0380-16	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
Field Blank 1/7/25	EPA 1633 Draft 3	25A0380-17	Water	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
Field Blank 1/7/25	EPA 1633 Draft 3	25A0380-17	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
Equipment Blank 1/7/25	EPA 1633 Draft 3	25A0380-18	Water	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
Equipment Blank 1/7/25	EPA 1633 Draft 3	25A0380-18	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
	EPA 1633 Draft 3	BA50519-BS2	Soil	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50519-BS2	Soil	3-Perfluoropropyl propanoic acid (FPrPA)	J
	EPA 1633 Draft 3	BA50519-BS2	Soil	9CL-PF3ONS	J
	EPA 1633 Draft 3	BA50519-BS2	Soil	ADONA	J
	EPA 1633 Draft 3	BA50519-BS2	Soil	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50519-BS2	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50631-BS2	Soil	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50631-BS2	Soil	9CL-PF3ONS	J
	EPA 1633 Draft 3	BA50631-BS2	Soil	ADONA	J
	EPA 1633 Draft 3	BA50631-BS2	Soil	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50631-BS2	Soil	Perfluorododecanesulfonic acid (PFDoS)	PF-LCS-L
	EPA 1633 Draft 3	BA50631-BS2	Soil	Perfluorododecanesulfonic acid (PFDoS)	J

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 1633 Draft 3	BA50650-BS2	Water	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50650-BS2	Water	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50650-BS2	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	3-Perfluoropropyl propanoic acid (FPrPA)	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	ADONA	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	Perfluoro-n-butanoic acid (PFBA)	J
	EPA 1633 Draft 3	S5A1460-CCB8	Water	d7-N-MeFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB8	Water	d9-N-EtFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB9	Water	d7-N-MeFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB9	Water	d9-N-EtFOSE	PFSu-H
SB003 (0- 2IN)	EPA 6010D	25A0380-07	Soil	Potassium	B
SB003 (2 IN- 24IN)	EPA 6010D	25A0380-08	Soil	Potassium	B
SB003 (6 - 8FT)	EPA 6010D	25A0380-09	Soil	Potassium	B
SB00X	EPA 6010D	25A0380-10	Soil	Potassium	B
SB004 (0- 2IN)	EPA 6010D	25A0380-11	Soil	Potassium	B
SB004 (2 IN-24 IN)	EPA 6010D	25A0380-12	Soil	Potassium	B
SB004 (6- 8 FT)	EPA 6010D	25A0380-13	Soil	Potassium	B
Field Blank 1/7/25	EPA 6010D	25A0380-17	Water	Sodium	M-BS
Equipment Blank 1/7/25	EPA 6010D	25A0380-18	Water	Sodium	M-BS
	EPA 6010D	BA50518-DUP1	Soil	Potassium	B
	EPA 6010D	BA50518-MS1	Soil	Potassium	B
	EPA 6010D	BA50518-PS1	Soil	Potassium	B
	EPA 6010D	BA50518-SRM1	Soil	Potassium	B
Field Blank 1/7/25	EPA 6020B	25A0380-17	Water	Antimony	M-CCV1
Field Blank 1/7/25	EPA 6020B	25A0380-17	Water	Antimony	M-BS
Field Blank 1/7/25	EPA 6020B	25A0380-17	Water	Beryllium	M-CCV1
Field Blank 1/7/25	EPA 6020B	25A0380-17	Water	Beryllium	M-BS
Field Blank 1/7/25	EPA 6020B	25A0380-17	Water	Cadmium	M-CCV1
Field Blank 1/7/25	EPA 6020B	25A0380-17	Water	Thallium	M-CCV1
Equipment Blank 1/7/25	EPA 6020B	25A0380-18	Water	Antimony	M-BS
Equipment Blank 1/7/25	EPA 6020B	25A0380-18	Water	Antimony	M-CCV1
Equipment Blank 1/7/25	EPA 6020B	25A0380-18	Water	Beryllium	M-BS

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Equipment Blank 1/7/25	EPA 6020B	25A0380-18	Water	Beryllium	M-CCV1
Equipment Blank 1/7/25	EPA 6020B	25A0380-18	Water	Cadmium	M-CCV1
Equipment Blank 1/7/25	EPA 6020B	25A0380-18	Water	Thallium	M-CCV1
Field Blank 1/7/25	EPA 7196A	25A0380-17	Water		HT-02
Equipment Blank 1/7/25	EPA 7196A	25A0380-18	Water		HT-02
	EPA 7473	BA50628-DUP1	Soil	Mercury	M-DUPS
Equipment Blank 1/7/25	EPA 8081B	25A0380-18	Water	Tetrachloro-m-xylene	S-GC
Equipment Blank 1/7/25	EPA 8081B	25A0380-18	Water	Tetrachloro-m-xylene	S-08
Equipment Blank 1/7/25	EPA 8081B	25A0380-18	Water	Tetrachloro-m-xylene [2C]	S-08
Equipment Blank 1/7/25	EPA 8081B	25A0380-18	Water	Tetrachloro-m-xylene [2C]	S-GC
	EPA 8081B	BA50563-BS1	Water	Tetrachloro-m-xylene [2C]	S-GC
	EPA 8081B	BA50563-BS1	Water	Tetrachloro-m-xylene [2C]	S-08
	EPA 8081B	BA50627-BS1	Soil	Methoxychlor	CCVH
	EPA 8081B	BA50627-MS1	Soil	Methoxychlor	CCVH
	EPA 8081B	BA50627-MSD1	Soil	Methoxychlor	CCVH
	EPA 8081B	BA50640-BS1	Soil	Methoxychlor	CCVH
	EPA 8081B	BA50640-MSD1	Soil	4,4'-DDD [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	4,4'-DDD [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	4,4'-DDE [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	4,4'-DDE [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	Aldrin [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	Aldrin [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	alpha-BHC [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	alpha-BHC [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	alpha-Chlordane [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	alpha-Chlordane [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	delta-BHC [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	delta-BHC [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	Dieldrin [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	Dieldrin [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	Endosulfan I [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	Endosulfan I [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	gamma-BHC (Lindane) [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	gamma-BHC (Lindane) [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	gamma-Chlordane [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	gamma-Chlordane [2C]	QR-03
	EPA 8081B	BA50640-MSD1	Soil	Heptachlor [2C]	QR-02
	EPA 8081B	BA50640-MSD1	Soil	Heptachlor [2C]	QR-03
SB002 (6 - 8 FT)	EPA 8082A	25A0380-06	Soil	Decachlorobiphenyl	S-GC
SB002 (6 - 8 FT)	EPA 8082A	25A0380-06	Soil	Decachlorobiphenyl	S-08
Equipment Blank 1/7/25	EPA 8082A	25A0380-18	Water	Tetrachloro-m-xylene [2C]	S-GC
Equipment Blank 1/7/25	EPA 8082A	25A0380-18	Water	Tetrachloro-m-xylene [2C]	S-08
	EPA 8082A	BA50563-BLK2	Water	Tetrachloro-m-xylene [2C]	S-08
	EPA 8082A	BA50563-BLK2	Water	Tetrachloro-m-xylene [2C]	S-GC
	EPA 8082A	BA50563-BS2	Water	Tetrachloro-m-xylene [2C]	S-08

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 8082A	BA50563-BS2	Water	Tetrachloro-m-xylene [2C]	S-GC
	EPA 8082A	BA50640-MS2	Soil	Tetrachloro-m-xylene	S-GC
	EPA 8082A	BA50640-MS2	Soil	Tetrachloro-m-xylene	S-08
	EPA 8082A	BA50640-MSD2	Soil	Aroclor 1016	QM-05
	EPA 8082A	BA50640-MSD2	Soil	Aroclor 1016 [2C]	QR-03
	EPA 8082A	BA50640-MSD2	Soil	Aroclor 1016 [2C]	QM-05
SB00X	EPA 8151A	25A0380-10	Soil	2,4-Dichlorophenylacetic acid (DCAA)	S-04
SB00X	EPA 8151A	25A0380-10	Soil	2,4-Dichlorophenylacetic acid (DCAA)	S-08
SB00X	EPA 8151A	25A0380-10	Soil	2,4-Dichlorophenylacetic acid (DCAA) [2C]	S-04
SB00X	EPA 8151A	25A0380-10	Soil	2,4-Dichlorophenylacetic acid (DCAA) [2C]	S-08
	EPA 8151A	BA50564-BS1	Soil	2,4,5-T	QC-LCS
	EPA 8151A	BA50564-BS1	Soil	2,4,5-T [2C]	QC-LCS
	EPA 8151A	BA50564-BS1	Soil	2,4,5-TP (Silvex)	QC-LCS
	EPA 8151A	BA50564-BS1	Soil	2,4,5-TP (Silvex) [2C]	QC-LCS
	EPA 8151A	BA50564-BS1	Soil	2,4-D [2C]	QC-LCS
SB001 (O-2 IN)	EPA 8260D	25A0380-01	Soil	Acrolein	ICVE
SB001 (O-2 IN)	EPA 8260D	25A0380-01	Soil	Carbon disulfide	CCVE
SB001 (O-2 IN)	EPA 8260D	25A0380-01	Soil	Chloromethane	CCVE
SB001 (O-2 IN)	EPA 8260D	25A0380-01	Soil	Dichlorodifluoromethane	CCVE
SB001 (O-2 IN)	EPA 8260D	25A0380-01	Soil	Trichlorofluoromethane	CCVE
SB001 (O-2 IN)	EPA 8260D	25A0380-01	Soil	Vinyl Chloride	CCVE
SB001(2 IN-24IN)	EPA 8260D	25A0380-02	Soil	Acrolein	ICVE
SB001(2 IN-24IN)	EPA 8260D	25A0380-02	Soil	Chloroethane	CCVE
SB001(2 IN-24IN)	EPA 8260D	25A0380-02	Soil	Chloromethane	CCVE
SB001(2 IN-24IN)	EPA 8260D	25A0380-02	Soil	Dichlorodifluoromethane	CCVE
SB001(2 IN-24IN)	EPA 8260D	25A0380-02	Soil	Tetrachloroethylene	QL-02
SB001(2 IN-24IN)	EPA 8260D	25A0380-02	Soil	Trichlorofluoromethane	CCVE
SB001(2 IN-24IN)	EPA 8260D	25A0380-02	Soil	Vinyl Chloride	CCVE
SB001 (6-8 FT)	EPA 8260D	25A0380-03	Soil	Acrolein	ICVE
SB001 (6-8 FT)	EPA 8260D	25A0380-03	Soil	Carbon disulfide	CCVE
SB001 (6-8 FT)	EPA 8260D	25A0380-03	Soil	Chloromethane	CCVE
SB001 (6-8 FT)	EPA 8260D	25A0380-03	Soil	Dichlorodifluoromethane	CCVE
SB001 (6-8 FT)	EPA 8260D	25A0380-03	Soil	Trichlorofluoromethane	CCVE
SB001 (6-8 FT)	EPA 8260D	25A0380-03	Soil	Vinyl Chloride	CCVE
SB002 (0-2IN)	EPA 8260D	25A0380-04	Soil	Acrolein	ICVE
SB002 (0-2IN)	EPA 8260D	25A0380-04	Soil	Carbon disulfide	CCVE
SB002 (0-2IN)	EPA 8260D	25A0380-04	Soil	Chloromethane	CCVE
SB002 (0-2IN)	EPA 8260D	25A0380-04	Soil	Dichlorodifluoromethane	CCVE
SB002 (0-2IN)	EPA 8260D	25A0380-04	Soil	Trichlorofluoromethane	CCVE
SB002 (0-2IN)	EPA 8260D	25A0380-04	Soil	Vinyl Chloride	CCVE
SB002 (2 IN -24 IN)	EPA 8260D	25A0380-05	Soil	Acrolein	ICVE
SB002 (2 IN -24 IN)	EPA 8260D	25A0380-05	Soil	Carbon disulfide	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB002 (2 IN -24 IN)	EPA 8260D	25A0380-05	Soil	Chloromethane	CCVE
SB002 (2 IN -24 IN)	EPA 8260D	25A0380-05	Soil	Dichlorodifluoromethane	CCVE
SB002 (2 IN -24 IN)	EPA 8260D	25A0380-05	Soil	Trichlorofluoromethane	CCVE
SB002 (2 IN -24 IN)	EPA 8260D	25A0380-05	Soil	Vinyl Chloride	CCVE
SB002 (6 - 8 FT)	EPA 8260D	25A0380-06	Soil	Acrolein	ICVE
SB002 (6 - 8 FT)	EPA 8260D	25A0380-06	Soil	Carbon disulfide	CCVE
SB002 (6 - 8 FT)	EPA 8260D	25A0380-06	Soil	Chloromethane	CCVE
SB002 (6 - 8 FT)	EPA 8260D	25A0380-06	Soil	Dichlorodifluoromethane	CCVE
SB002 (6 - 8 FT)	EPA 8260D	25A0380-06	Soil	Methyl acetate	J
SB002 (6 - 8 FT)	EPA 8260D	25A0380-06	Soil	Trichlorofluoromethane	CCVE
SB002 (6 - 8 FT)	EPA 8260D	25A0380-06	Soil	Vinyl Chloride	CCVE
SB003 (0- 2IN)	EPA 8260D	25A0380-07	Soil	Acrolein	ICVE
SB003 (0- 2IN)	EPA 8260D	25A0380-07	Soil	Carbon disulfide	CCVE
SB003 (0- 2IN)	EPA 8260D	25A0380-07	Soil	Chloromethane	CCVE
SB003 (0- 2IN)	EPA 8260D	25A0380-07	Soil	Dichlorodifluoromethane	CCVE
SB003 (0- 2IN)	EPA 8260D	25A0380-07	Soil	Trichlorofluoromethane	CCVE
SB003 (0- 2IN)	EPA 8260D	25A0380-07	Soil	Vinyl Chloride	CCVE
SB003 (2 IN- 24IN)	EPA 8260D	25A0380-08	Soil	Acrolein	ICVE
SB003 (2 IN- 24IN)	EPA 8260D	25A0380-08	Soil	Carbon disulfide	CCVE
SB003 (2 IN- 24IN)	EPA 8260D	25A0380-08	Soil	Chloromethane	CCVE
SB003 (2 IN- 24IN)	EPA 8260D	25A0380-08	Soil	Dichlorodifluoromethane	CCVE
SB003 (2 IN- 24IN)	EPA 8260D	25A0380-08	Soil	Trichlorofluoromethane	CCVE
SB003 (2 IN- 24IN)	EPA 8260D	25A0380-08	Soil	Vinyl Chloride	CCVE
SB003 (6 - 8FT)	EPA 8260D	25A0380-09	Soil	Acrolein	ICVE
SB003 (6 - 8FT)	EPA 8260D	25A0380-09	Soil	Carbon disulfide	CCVE
SB003 (6 - 8FT)	EPA 8260D	25A0380-09	Soil	Chloromethane	CCVE
SB003 (6 - 8FT)	EPA 8260D	25A0380-09	Soil	Dichlorodifluoromethane	CCVE
SB003 (6 - 8FT)	EPA 8260D	25A0380-09	Soil	Trichlorofluoromethane	CCVE
SB003 (6 - 8FT)	EPA 8260D	25A0380-09	Soil	Vinyl Chloride	CCVE
SB00X	EPA 8260D	25A0380-10	Soil	Acrolein	ICVE
SB00X	EPA 8260D	25A0380-10	Soil	Carbon disulfide	CCVE
SB00X	EPA 8260D	25A0380-10	Soil	Chloromethane	CCVE
SB00X	EPA 8260D	25A0380-10	Soil	Dichlorodifluoromethane	CCVE
SB00X	EPA 8260D	25A0380-10	Soil	Trichlorofluoromethane	CCVE
SB00X	EPA 8260D	25A0380-10	Soil	Vinyl Chloride	CCVE
SB004 (0- 2IN)	EPA 8260D	25A0380-11	Soil	Acrolein	ICVE
SB004 (0- 2IN)	EPA 8260D	25A0380-11	Soil	Carbon disulfide	CCVE
SB004 (0- 2IN)	EPA 8260D	25A0380-11	Soil	Chloromethane	CCVE
SB004 (0- 2IN)	EPA 8260D	25A0380-11	Soil	Dichlorodifluoromethane	CCVE
SB004 (0- 2IN)	EPA 8260D	25A0380-11	Soil	Trichlorofluoromethane	CCVE
SB004 (0- 2IN)	EPA 8260D	25A0380-11	Soil	Vinyl Chloride	CCVE
SB004 (2 IN-24 IN)	EPA 8260D	25A0380-12	Soil	Acrolein	ICVE
SB004 (2 IN-24 IN)	EPA 8260D	25A0380-12	Soil	Carbon disulfide	CCVE
SB004 (2 IN-24 IN)	EPA 8260D	25A0380-12	Soil	Chloromethane	CCVE
SB004 (2 IN-24 IN)	EPA 8260D	25A0380-12	Soil	Dichlorodifluoromethane	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB004 (2 IN-24 IN)	EPA 8260D	25A0380-12	Soil	Trichlorofluoromethane	CCVE
SB004 (2 IN-24 IN)	EPA 8260D	25A0380-12	Soil	Vinyl Chloride	CCVE
SB004 (6- 8 FT)	EPA 8260D	25A0380-13	Soil	Acrolein	ICVE
SB004 (6- 8 FT)	EPA 8260D	25A0380-13	Soil	Carbon disulfide	CCVE
SB004 (6- 8 FT)	EPA 8260D	25A0380-13	Soil	Chloromethane	CCVE
SB004 (6- 8 FT)	EPA 8260D	25A0380-13	Soil	Dichlorodifluoromethane	CCVE
SB004 (6- 8 FT)	EPA 8260D	25A0380-13	Soil	Trichlorofluoromethane	CCVE
SB004 (6- 8 FT)	EPA 8260D	25A0380-13	Soil	Vinyl Chloride	CCVE
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Acetone	QL-02
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Acetone	ICVE
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Acrolein	ICVE
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Carbon disulfide	CCVE
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Chloromethane	CCVE
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Dichlorodifluoromethane	CCVE
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Trichlorofluoromethane	CCVE
SB005 (0- 2IN)	EPA 8260D	25A0380-14	Soil	Vinyl Chloride	CCVE
SB005 (2 IN-24 IN)	EPA 8260D	25A0380-15	Soil	Acrolein	ICVE
SB005 (2 IN-24 IN)	EPA 8260D	25A0380-15	Soil	Carbon disulfide	CCVE
SB005 (2 IN-24 IN)	EPA 8260D	25A0380-15	Soil	Chloromethane	CCVE
SB005 (2 IN-24 IN)	EPA 8260D	25A0380-15	Soil	Dichlorodifluoromethane	CCVE
SB005 (2 IN-24 IN)	EPA 8260D	25A0380-15	Soil	Trichlorofluoromethane	CCVE
SB005 (2 IN-24 IN)	EPA 8260D	25A0380-15	Soil	Vinyl Chloride	CCVE
SB005 (6- 8FT)	EPA 8260D	25A0380-16	Soil	Acrolein	ICVE
SB005 (6- 8FT)	EPA 8260D	25A0380-16	Soil	Carbon disulfide	CCVE
SB005 (6- 8FT)	EPA 8260D	25A0380-16	Soil	Chloromethane	CCVE
SB005 (6- 8FT)	EPA 8260D	25A0380-16	Soil	Dichlorodifluoromethane	CCVE
SB005 (6- 8FT)	EPA 8260D	25A0380-16	Soil	Trichlorofluoromethane	CCVE
SB005 (6- 8FT)	EPA 8260D	25A0380-16	Soil	Vinyl Chloride	CCVE
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Acrolein	ICVE
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Bromomethane	QL-02
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Bromomethane	CCVE
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Chloromethane	CCVE
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Chloromethane	QL-02
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Dichlorodifluoromethane	CCVE
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Tetrachloroethylene	CCVE
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Tetrachloroethylene	ICVE
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Tetrachloroethylene	QL-02
Field Blank 1/7/25	EPA 8260D	25A0380-17	Water	Vinyl Chloride	CCVE
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Acrolein	ICVE
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Bromomethane	CCVE
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Bromomethane	QL-02
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Chloromethane	QL-02
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Chloromethane	CCVE
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Dichlorodifluoromethane	CCVE
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Tetrachloroethylene	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Tetrachloroethylene	ICVE
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Tetrachloroethylene	QL-02
Equipment Blank 1/7/25	EPA 8260D	25A0380-18	Water	Vinyl Chloride	CCVE
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Acrolein	ICVE
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Bromomethane	CCVE
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Bromomethane	QL-02
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Chloromethane	CCVE
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Chloromethane	QL-02
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Dichlorodifluoromethane	CCVE
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Tetrachloroethylene	CCVE
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Tetrachloroethylene	ICVE
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Tetrachloroethylene	QL-02
Trip Blank 1/7/25	EPA 8260D	25A0380-19	Water	Vinyl Chloride	CCVE
	EPA 8260D	S4L1630-SCV1	Soil	1,4-Dioxane	ICVE20
	EPA 8260D	S4L1630-SCV1	Soil	1,4-Dioxane	ICVE
	EPA 8260D	S4L1630-SCV1	Soil	Acrolein	ICVE20
	EPA 8260D	S4L1630-SCV1	Soil	Acrolein	ICVE
	EPA 8260D	S4L3127-SCV1	Water	Acrolein	ICVE
	EPA 8260D	S4L3127-SCV1	Water	Tetrachloroethylene	ICVE
	EPA 8260D	S5A0630-SCV1	Soil	Acetone	ICVE20
	EPA 8260D	S5A0630-SCV1	Soil	Acetone	ICVE
	EPA 8260D	S5A0630-SCV1	Soil	Acrolein	ICVE20
	EPA 8260D	S5A0631-SCV1	Soil	Acetone	ICVE20
	EPA 8260D	S5A0631-SCV1	Soil	Acetone	ICVE
	EPA 8260D	S5A0631-SCV1	Soil	Acrolein	ICVE20
	EPA 8260D	S5A0631-SCV1	Soil	Dichlorodifluoromethane	ICVE20
	EPA 8270D	BA50472-BS1	Water	Caprolactam	J
	EPA 8270D	BA50472-BS1	Water	Hexachlorocyclopentadiene	J
	EPA 8270D	BA50472-BS1	Water	Phenol	J
	EPA 8270D	BA50472-BS1	Water	Pyridine	J
	EPA 8270D	BA50472-BSD1	Water	Caprolactam	J
	EPA 8270D	BA50472-BSD1	Water	Hexachlorocyclopentadiene	J
	EPA 8270D	BA50472-BSD1	Water	Pyridine	J
SB001(2 IN-24IN)	EPA 8270D SIM	25A0380-02	Soil	1,4-Dioxane-d8	S-HI
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Atrazine	ICVE
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Benzo(a)anthracene	CAL-E
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Benzo(k)fluoranthene	CAL-E
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Dibenzo(a,h)anthracene	CAL-E
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Hexachloroethane	QL-02
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Indeno(1,2,3-cd)pyrene	CAL-E
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Nitrobenzene	CCVE
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Nitrobenzene	ICVE
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	N-Nitrosodimethylamine	QL-02
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Pentachlorophenol	CCVE
Field Blank 1/7/25	EPA 8270D SIM	25A0380-17	Water	Pentachlorophenol	QL-02

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Atrazine	ICVE
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Benzo(a)anthracene	CAL-E
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Benzo(k)fluoranthene	CAL-E
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Dibenzo(a,h)anthracene	CAL-E
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Hexachloroethane	QL-02
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Indeno(1,2,3-cd)pyrene	CAL-E
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Nitrobenzene	CCVE
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Nitrobenzene	ICVE
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	N-Nitrosodimethylamine	QL-02
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Pentachlorophenol	QL-02
Equipment Blank 1/7/25	EPA 8270D SIM	25A0380-18	Water	Pentachlorophenol	CCVE
SB001 (O-2 IN)	EPA 8270E	25A0380-01	Soil	2,4-Dinitrophenol	CAL-E
SB001 (O-2 IN)	EPA 8270E	25A0380-01	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB001 (O-2 IN)	EPA 8270E	25A0380-01	Soil	Pentachlorophenol	CAL-E
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	2,4-Dinitrophenol	CAL-E
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	Benzo(a)anthracene	J
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	Benzo(b)fluoranthene	J
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	Chrysene	J
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	Pentachlorophenol	CAL-E
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	Phenanthrene	J
SB001(2 IN-24IN)	EPA 8270E	25A0380-02	Soil	Pyrene	J
SB001 (6-8 FT)	EPA 8270E	25A0380-03	Soil	2,4-Dinitrophenol	CAL-E
SB001 (6-8 FT)	EPA 8270E	25A0380-03	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB001 (6-8 FT)	EPA 8270E	25A0380-03	Soil	Pentachlorophenol	CAL-E
SB002 (0-2IN)	EPA 8270E	25A0380-04	Soil	2,4-Dinitrophenol	CAL-E
SB002 (0-2IN)	EPA 8270E	25A0380-04	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB002 (0-2IN)	EPA 8270E	25A0380-04	Soil	Pentachlorophenol	CAL-E
SB002 (2 IN -24 IN)	EPA 8270E	25A0380-05	Soil	2,4-Dinitrophenol	CAL-E
SB002 (2 IN -24 IN)	EPA 8270E	25A0380-05	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB002 (2 IN -24 IN)	EPA 8270E	25A0380-05	Soil	Pentachlorophenol	CAL-E
SB002 (6 - 8 FT)	EPA 8270E	25A0380-06	Soil	2,4-Dinitrophenol	CAL-E
SB002 (6 - 8 FT)	EPA 8270E	25A0380-06	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB002 (6 - 8 FT)	EPA 8270E	25A0380-06	Soil	Pentachlorophenol	CAL-E
SB003 (0- 2IN)	EPA 8270E	25A0380-07	Soil	2,4-Dinitrophenol	CAL-E
SB003 (0- 2IN)	EPA 8270E	25A0380-07	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB003 (0- 2IN)	EPA 8270E	25A0380-07	Soil	Pentachlorophenol	CAL-E
SB003 (2 IN- 24IN)	EPA 8270E	25A0380-08	Soil	2,4-Dinitrophenol	CAL-E
SB003 (2 IN- 24IN)	EPA 8270E	25A0380-08	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB003 (2 IN- 24IN)	EPA 8270E	25A0380-08	Soil	Pentachlorophenol	CAL-E
SB003 (6 - 8FT)	EPA 8270E	25A0380-09	Soil	2,4-Dinitrophenol	CAL-E
SB003 (6 - 8FT)	EPA 8270E	25A0380-09	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB003 (6 - 8FT)	EPA 8270E	25A0380-09	Soil	Pentachlorophenol	CAL-E
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	1,2-Diphenylhydrazine (as Azobenzene)	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	2,4-Dimethylphenol	ICVE
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	2,4-Dinitrophenol	CAL-E
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	Benzoic acid	CAL-E
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	Benzoic acid	CCVE
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	Bis(2-chloroisopropyl)ether	CCVE
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	Hexachlorocyclopentadiene	CCVE
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	Hexachlorocyclopentadiene	ICVE
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	N-Nitrosodimethylamine	CCVE
SB004 (0- 2IN)	EPA 8270E	25A0380-11	Soil	Pentachlorophenol	CCVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	1,2-Diphenylhydrazine (as Azobenzene)	CCVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	2,4-Dimethylphenol	ICVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	2,4-Dinitrophenol	CAL-E
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	Benzoic acid	CAL-E
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	Benzoic acid	CCVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	Bis(2-chloroisopropyl)ether	CCVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	Hexachlorocyclopentadiene	CCVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	Hexachlorocyclopentadiene	ICVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	N-Nitrosodimethylamine	CCVE
SB004 (2 IN-24 IN)	EPA 8270E	25A0380-12	Soil	Pentachlorophenol	CCVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	1,2-Diphenylhydrazine (as Azobenzene)	CCVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	2,4-Dimethylphenol	ICVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	2,4-Dinitrophenol	CAL-E
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	Benzoic acid	CAL-E
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	Benzoic acid	CCVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	Bis(2-chloroisopropyl)ether	CCVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	Hexachlorocyclopentadiene	CCVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	Hexachlorocyclopentadiene	ICVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	N-Nitrosodimethylamine	CCVE
SB004 (6- 8 FT)	EPA 8270E	25A0380-13	Soil	Pentachlorophenol	CCVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	1,2-Diphenylhydrazine (as Azobenzene)	CCVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	2,4-Dimethylphenol	ICVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	2,4-Dinitrophenol	CAL-E
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	Benzoic acid	CAL-E
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	Benzoic acid	CCVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	Bis(2-chloroisopropyl)ether	CCVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	Hexachlorocyclopentadiene	CCVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	Hexachlorocyclopentadiene	ICVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	N-Nitrosodimethylamine	CCVE
SB005 (0- 2IN)	EPA 8270E	25A0380-14	Soil	Pentachlorophenol	CCVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	1,2-Diphenylhydrazine (as Azobenzene)	CCVE
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	2,4-Dimethylphenol	ICVE
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	2,4-Dinitrophenol	CAL-E
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	Benzoic acid	CAL-E
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	Benzoic acid	CCVE
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	Bis(2-chloroisopropyl)ether	CCVE
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	Hexachlorocyclopentadiene	ICVE
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	Hexachlorocyclopentadiene	CCVE
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	N-Nitrosodimethylamine	CCVE
SB005 (2 IN-24 IN)	EPA 8270E	25A0380-15	Soil	Pentachlorophenol	CCVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	1,2-Diphenylhydrazine (as Azobenzene)	CCVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	2,4-Dimethylphenol	ICVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	2,4-Dinitrophenol	CAL-E
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	Benzoic acid	CAL-E
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	Benzoic acid	CCVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	Bis(2-chloroisopropyl)ether	CCVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	Hexachlorocyclopentadiene	CCVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	Hexachlorocyclopentadiene	ICVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	N-Nitrosodimethylamine	CCVE
SB005 (6- 8FT)	EPA 8270E	25A0380-16	Soil	Pentachlorophenol	CCVE
	EPA 8270E	BA50567-MS1	Soil	Aniline	J
	EPA 8270E	BA50567-MSD1	Soil	Aniline	J
	EPA 8270E	BA50641-MS1	Soil	2,4-Dinitrophenol	J
	EPA 8270E	BA50641-MSD1	Soil	2,4-Dinitrophenol	J
	EPA 8270E	BA50641-MSD1	Soil	4,6-Dinitro-2-methylphenol	J
	EPA 9014/9010C	BA50465-MSD1	Soil	Cyanide, total	QM-07

York Analytical Work Order Narrative

Qualifier Definitions :	
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-08	The recovery of this surrogate was outside of QC limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50005

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50005	S5A0630	S5A0630	Secondary Cal Check	S5A0630-SCV1	VOA No. 3	V3188891.D
SA50005	S5A1009	S5A1009	Calibration Check	S5A1009-CCV1	VOA No. 3	V3188955.D
SA50005	BA50495	S5A1009	LCS	BA50495-BS1	VOA No. 3	V3188956.D
SA50005	BA50495	S5A1009	LCS Dup	BA50495-BSD1	VOA No. 3	V3188957.D
SA50005	BA50495	S5A1009	Blank	BA50495-BLK1	VOA No. 3	V3188958.D
SA50005	BA50495	S5A1009	SB001 (O-2 IN)	25A0380-01	VOA No. 3	V3188959.D
SA50005	BA50495	S5A1009	SB001 (6-8 FT)	25A0380-03	VOA No. 3	V3188961.D
SA50005	BA50495	S5A1009	SB002 (0-2IN)	25A0380-04	VOA No. 3	V3188962.D
SA50005	BA50495	S5A1009	SB002 (2 IN -24 IN)	25A0380-05	VOA No. 3	V3188963.D
SA50005	BA50495	S5A1009	SB002 (6 - 8 FT)	25A0380-06	VOA No. 3	V3188964.D
SA50005	BA50495	S5A1009	SB003 (0- 2IN)	25A0380-07	VOA No. 3	V3188965.D
SA50005	BA50495	S5A1009	SB003 (2 IN- 24IN)	25A0380-08	VOA No. 3	V3188966.D
SA50005	BA50495	S5A1009	SB003 (6 - 8FT)	25A0380-09	VOA No. 3	V3188967.D
SA50005	BA50495	S5A1009	SB00X	25A0380-10	VOA No. 3	V3188968.D
SA50005	BA50495	S5A1009	SB004 (0- 2IN)	25A0380-11	VOA No. 3	V3188969.D
SA50005	BA50495	S5A1009	SB004 (2 IN-24 IN)	25A0380-12	VOA No. 3	V3188970.D
SA50005	BA50495	S5A1009	SB004 (6- 8 FT)	25A0380-13	VOA No. 3	V3188971.D
SA50005	BA50495	S5A1009	SB005 (0- 2IN)	25A0380-14	VOA No. 3	V3188972.D
SA50005	BA50495	S5A1009	SB005 (2 IN-24 IN)	25A0380-15	VOA No. 3	V3188973.D
SA50005	BA50495	S5A1009	SB005 (6- 8FT)	25A0380-16	VOA No. 3	V3188974.D

4.0 Analysis Issues

Initial calibration for ***EPA 8260D*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SA50005	VOA No. 3	1/6/2025 12:40:33 AM	V3188882.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane		20	**0.0017**	0.05				QR0
tert-Butyl alcohol (TBA)		20	**0.0370**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A0630-SCV1		V3188891.D
Calibration Check	S5A1009-CCV1		V3188955.D
LCS	BA50495-BS1		V3188956.D
LCS Dup	BA50495-BSD1		V3188957.D
Blank	BA50495-BLK1		V3188958.D
SB001 (O-2 IN)	25A0380-01		V3188959.D
SB001 (6-8 FT)	25A0380-03		V3188961.D
SB002 (0-2IN)	25A0380-04		V3188962.D
SB002 (2 IN -24 IN)	25A0380-05		V3188963.D
SB002 (6 - 8 FT)	25A0380-06		V3188964.D
SB003 (0- 2IN)	25A0380-07		V3188965.D
SB003 (2 IN- 24IN)	25A0380-08		V3188966.D
SB003 (6 - 8FT)	25A0380-09		V3188967.D
SB00X	25A0380-10		V3188968.D
SB004 (0- 2IN)	25A0380-11		V3188969.D
SB004 (2 IN-24 IN)	25A0380-12		V3188970.D
SB004 (6- 8 FT)	25A0380-13		V3188971.D
SB005 (0- 2IN)	25A0380-14		V3188972.D
SB005 (2 IN-24 IN)	25A0380-15		V3188973.D
SB005 (6- 8FT)	25A0380-16		V3188974.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50005	S5A0630-SCV1	Acetone	50.0	80.8	**162**	70 - 130
SA50005	S5A0630-SCV1	Acrolein	50.0	34.1	**68.2**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1009-CCV1	Calibration Check	V3188955.D
BA50495-BS1	LCS	V3188956.D
BA50495-BSD1	LCS Dup	V3188957.D
BA50495-BLK1	Blank	V3188958.D
25A0380-01	SB001 (O-2 IN)	V3188959.D
25A0380-03	SB001 (6-8 FT)	V3188961.D
25A0380-04	SB002 (0-2IN)	V3188962.D
25A0380-05	SB002 (2 IN -24 IN)	V3188963.D
25A0380-06	SB002 (6 - 8 FT)	V3188964.D
25A0380-07	SB003 (0- 2IN)	V3188965.D
25A0380-08	SB003 (2 IN- 24IN)	V3188966.D
25A0380-09	SB003 (6 - 8FT)	V3188967.D
25A0380-10	SB00X	V3188968.D
25A0380-11	SB004 (0- 2IN)	V3188969.D
25A0380-12	SB004 (2 IN-24 IN)	V3188970.D
25A0380-13	SB004 (6- 8 FT)	V3188971.D
25A0380-14	SB005 (0- 2IN)	V3188972.D
25A0380-15	SB005 (2 IN-24 IN)	V3188973.D
25A0380-16	SB005 (6- 8FT)	V3188974.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50005	S5A1009	S5A1009-CCV1	V3188955.D	01/09/25 18:44

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50005	S5A1009-CCV1	Carbon disulfide	ug/L	33.3	50.0	**66.6**	80	120	V3188955.D
SA50005	S5A1009-CCV1	Chloromethane	ug/L	31.0	50.0	**62**	80	120	V3188955.D
SA50005	S5A1009-CCV1	Dichlorodifluoromethane	ug/L	18.3	50.0	**36.7**	80	120	V3188955.D
SA50005	S5A1009-CCV1	tert-Butyl alcohol (TBA)	ug/L	325	250	**130**	80	120	V3188955.D
SA50005	S5A1009-CCV1	Trichlorofluoromethane	ug/L	37.1	50.0	**74.2**	80	120	V3188955.D
SA50005	S5A1009-CCV1	Vinyl Chloride	ug/L	36.0	50.0	**72.1**	80	120	V3188955.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50005	S5A1009	BA50495-BS1	LCS		V3188956.D
SA50005	S5A1009	BA50495-BSD1	LCS Dup		V3188957.D
SA50005	S5A1009	BA50495-BLK1	Blank		V3188958.D
SA50005	S5A1009	25A0380-01	SB001 (O-2 IN)		V3188959.D
SA50005	S5A1009	25A0380-03	SB001 (6-8 FT)		V3188961.D
SA50005	S5A1009	25A0380-04	SB002 (0-2IN)		V3188962.D
SA50005	S5A1009	25A0380-05	SB002 (2 IN -24 IN)		V3188963.D

SA50005	S5A1009	25A0380-06	SB002 (6 - 8 FT)	V3188964.D
SA50005	S5A1009	25A0380-07	SB003 (0- 2IN)	V3188965.D
SA50005	S5A1009	25A0380-08	SB003 (2 IN- 24IN)	V3188966.D
SA50005	S5A1009	25A0380-09	SB003 (6 - 8FT)	V3188967.D
SA50005	S5A1009	25A0380-10	SB00X	V3188968.D
SA50005	S5A1009	25A0380-11	SB004 (0- 2IN)	V3188969.D
SA50005	S5A1009	25A0380-12	SB004 (2 IN-24 IN)	V3188970.D
SA50005	S5A1009	25A0380-13	SB004 (6- 8 FT)	V3188971.D
SA50005	S5A1009	25A0380-14	SB005 (0- 2IN)	V3188972.D
SA50005	S5A1009	25A0380-15	SB005 (2 IN-24 IN)	V3188973.D
SA50005	S5A1009	25A0380-16	SB005 (6- 8FT)	V3188974.D

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50495	S5A1009	VOA No. 3	BA50495-BLK1	V3188958.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50005	5A1009	BA50495-BS1	LCS	V3188956.D
SA50005	5A1009	BA50495-BSD1	LCS Dup	V3188957.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1009	LCS Dup	BA50495-BSD1	Acetone	146	**162**	10.7	36 - 155	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50495	25A0380-14	SB005 (0- 2IN)	

EPA 8260D

Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50006

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50006	S5A0631	S5A0631	Secondary Cal Check	S5A0631-SCV1	VOA#11	V11C023620.D
SA50006	S5A1203	S5A1203	Calibration Check	S5A1203-CCV2	VOA#11	V11C023689.D
SA50006	BA50557	S5A1203	Blank	BA50557-BLK2	VOA#11	V11C023690.D
SA50006	BA50557	S5A1203	LCS	BA50557-BS2	VOA#11	V11C023691.D
SA50006	BA50557	S5A1203	LCS Dup	BA50557-BSD2	VOA#11	V11C023692.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50006	VOA#11	1/6/2025 12:09:54 AM	V11C023611.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane		20	**0.0023**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A0631-SCV1		V11C023620.D
Calibration Check	S5A1203-CCV2		V11C023689.D
Blank	BA50557-BLK2		V11C023690.D
LCS	BA50557-BS2		V11C023691.D
LCS Dup	BA50557-BSD2		V11C023692.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50006	S5A0631-SCV1	Acetone	50.0	100	**201**	70 - 130
SA50006	S5A0631-SCV1	Acrolein	50.0	30.6	**61.2**	70 - 130
SA50006	S5A0631-SCV1	Dichlorodifluoromethane	50.0	34.4	**68.8**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1203-CCV2	Calibration Check	V11C023689.D
BA50557-BLK2	Blank	V11C023690.D
BA50557-BS2	LCS	V11C023691.D
BA50557-BSD2	LCS Dup	V11C023692.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50006	S5A1203	S5A1203-CCV2	V11C023689.D	01/10/25 07:55

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50006	S5A1203-CCV2	Acrolein	ug/L	39.0	50.0	**77.9**	80	120	V11C023689.D
SA50006	S5A1203-CCV2	Bromomethane	ug/L	37.9	50.0	**75.9**	80	120	V11C023689.D
SA50006	S5A1203-CCV2	Chloromethane	ug/L	31.0	50.0	**62**	80	120	V11C023689.D
SA50006	S5A1203-CCV2	Cyclohexane	ug/L	38.7	50.0	**77.4**	80	120	V11C023689.D
SA50006	S5A1203-CCV2	Dichlorodifluoromethane	ug/L	19.8	50.0	**39.7**	80	120	V11C023689.D
SA50006	S5A1203-CCV2	Methyl acetate	ug/L	39.4	50.0	**78.8**	80	120	V11C023689.D
SA50006	S5A1203-CCV2	Trichlorofluoromethane	ug/L	39.5	50.0	**79.1**	80	120	V11C023689.D
SA50006	S5A1203-CCV2	Vinyl Chloride	ug/L	33.6	50.0	**67.2**	80	120	V11C023689.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50006	S5A1203	BA50557-BLK2	Blank		V11C023690.D
SA50006	S5A1203	BA50557-BS2	LCS		V11C023691.D
SA50006	S5A1203	BA50557-BSD2	LCS Dup		V11C023692.D

York Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50557	S5A1203	VOA#11	BA50557-BLK2	V11C023690.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50006	5A1203	BA50557-BS2	LCS	V11C023691.D
SA50006	5A1203	BA50557-BSD2	LCS Dup	V11C023692.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1203	LCS	BA50557-BS2	Acetone		**186**		36 - 155	
S5A1203	LCS Dup	BA50557-BSD2	Acetone	186	**178**	3.93	36 - 155	30

EPA 8260D

Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.
Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40033

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40033	S4L1630	S4L1630	Secondary Cal Check	S4L1630-SCV1	VOA#11	V11C023128.D
SL40033	S5A1204	S5A1204	Calibration Check	S5A1204-CCV1	VOA#11	V11C023688.D
SL40033	BA50557	S5A1204	LCS	BA50557-BS1	VOA#11	V11C023699.D
SL40033	BA50557	S5A1204	LCS Dup	BA50557-BSD1	VOA#11	V11C023700.D
SL40033	BA50557	S5A1204	SB001(2 IN-24IN)	25A0380-02	VOA#11	V11C023708.D
SL40033	BA50557	S5A1204	SB001(2 IN-24IN)MS1	BA50557-MS1	VOA#11	V11C023709.D
SL40033	BA50557	S5A1204	SB001(2 IN-24IN)MSD1	BA50557-MSD1	VOA#11	V11C023710.D
SL40033	BA50557	S5A1204	Blank	BA50557-BLK1	VOA#11	V11C023711.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40033	VOA#11	12/14/2024 12:03:36 AM	V11C023119.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane		20	**0.0013**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1630-SCV1		V11C023128.D
Calibration Check	S5A1204-CCV1		V11C023688.D
LCS	BA50557-BS1		V11C023699.D
LCS Dup	BA50557-BSD1		V11C023700.D
SB001(2 IN-24IN)	25A0380-02		V11C023708.D
Matrix Spike	BA50557-MS1	SB001(2 IN-24IN)	V11C023709.D
Matrix Spike Dup	BA50557-MSD1	SB001(2 IN-24IN)	V11C023710.D
Blank	BA50557-BLK1		V11C023711.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40033	S4L1630-SCV1	1,4-Dioxane	1050	1840	**176**	70 - 130
SL40033	S4L1630-SCV1	Acrolein	50.0	16.9	**33.8**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1204-CCV1	Calibration Check	V11C023688.D
BA50557-BS1	LCS	V11C023699.D
BA50557-BSD1	LCS Dup	V11C023700.D
25A0380-02	SB001(2 IN-24IN)	V11C023708.D
BA50557-MS1	Matrix Spike	V11C023709.D
BA50557-MSD1	Matrix Spike Dup	V11C023710.D
BA50557-BLK1	Blank	V11C023711.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40033	S5A1204	S5A1204-CCV1	V11C023688.D	01/10/25 07:29

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40033	S5A1204-CCV1	1,4-Dioxane	ug/L	1630	1000	**163**	80	120	V11C023688.D
SL40033	S5A1204-CCV1	Acetone	ug/L	61.8	50.0	**124**	80	120	V11C023688.D
SL40033	S5A1204-CCV1	Chloroethane	ug/L	39.8	50.0	**79.7**	80	120	V11C023688.D
SL40033	S5A1204-CCV1	Chloromethane	ug/L	33.5	50.0	**66.9**	80	120	V11C023688.D
SL40033	S5A1204-CCV1	Dichlorodifluoromethane	ug/L	24.3	50.0	**48.6**	80	120	V11C023688.D
SL40033	S5A1204-CCV1	Trichlorofluoromethane	ug/L	39.6	50.0	**79.3**	80	120	V11C023688.D
SL40033	S5A1204-CCV1	Vinyl Chloride	ug/L	36.7	50.0	**73.4**	80	120	V11C023688.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40033	S5A1204	BA50557-BS1	LCS		V11C023699.D
SL40033	S5A1204	BA50557-BSD1	LCS Dup		V11C023700.D
SL40033	S5A1204	25A0380-02	SB001(2 IN-24IN)		V11C023708.D
SL40033	S5A1204	BA50557-MS1	Matrix Spike	SB001(2 IN-24IN)	V11C023709.D
SL40033	S5A1204	BA50557-MSD1	Matrix Spike Dup	SB001(2 IN-24IN)	V11C023710.D
SL40033	S5A1204	BA50557-BLK1	Blank		V11C023711.D

York Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50557	S5A1204	VOA#11	BA50557-BLK1	V11C023711.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40033	5A1204	BA50557-BS1	LCS	V11C023699.D
SL40033	5A1204	BA50557-BSD1	LCS Dup	V11C023700.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1204	LCS	BA50557-BS1	Acetone		**207**		36 - 155	
S5A1204	LCS Dup	BA50557-BSD1	Acetone	207	**186**	11	36 - 155	30
S5A1204	LCS Dup	BA50557-BSD1	Tetrachloroethylene	88.7	**79.3**	11.2	80 - 129	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50557	25A0380-02	SB001(2 IN-24IN)	
BA50557	BA50557-BLK1	Blank	
BA50557	BA50557-MS1	Matrix Spike	SB001(2 IN-24IN)
BA50557	BA50557-MSD1	Matrix Spike Dup	SB001(2 IN-24IN)

EPA 8260D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
VOA	**SL40033**	BA50557	S5A1204	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50557-MS1
VOA	**SL40033**	BA50557	S5A1204	SB001(2 IN-24IN)MSD1	25A0380-02	SB001(2 IN-24IN)	BA50557-MSD1

Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40057

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40057	S4L3127	S4L3127	Secondary Cal Check	S4L3127-SCV1	MSVOA7	V751819.D
SL40057	S5A1007	S5A1007	Calibration Check	S5A1007-CCV1	MSVOA7	V751993.D
SL40057	BA50481	S5A1007	LCS	BA50481-BS1	MSVOA7	V751996.D
SL40057	BA50481	S5A1007	Blank	BA50481-BLK1	MSVOA7	V751998.D
SL40057	BA50481	S5A1007	Field Blank 1/7/25	25A0380-17	MSVOA7	V752001.D
SL40057	BA50481	S5A1007	Equipment Blank 1/7/25	25A0380-18	MSVOA7	V752002.D
SL40057	BA50481	S5A1007	Trip Blank 1/7/25	25A0380-19	MSVOA7	V752003.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40057	MSVOA7	12/31/2024 1:45:41 PM	V751805.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane	**13.27**	20	**0.0006**	0.05				Avg
tert-Butyl alcohol (TBA)	**10.96**	20	**0.0461**	0.05				Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L3127-SCV1		V751819.D
Calibration Check	S5A1007-CCV1		V751993.D
LCS	BA50481-BS1		V751996.D
Blank	BA50481-BLK1		V751998.D
Field Blank 1/7/25	25A0380-17		V752001.D
Equipment Blank 1/7/25	25A0380-18		V752002.D
Trip Blank 1/7/25	25A0380-19		V752003.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40057	S4L3127-SCV1	Acrolein	10.0	1.75	**17.5**	70 - 130
SL40057	S4L3127-SCV1	Tetrachloroethylene	10.0	5.57	**55.7**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1007-CCV1	Calibration Check	V751993.D
BA50481-BS1	LCS	V751996.D
BA50481-BLK1	Blank	V751998.D
25A0380-17	Field Blank 1/7/25	V752001.D
25A0380-18	Equipment Blank 1/7/25	V752002.D
25A0380-19	Trip Blank 1/7/25	V752003.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40057	S5A1007	S5A1007-CCV1	V751993.D	01/09/25 07:35

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40057	S5A1007-CCV1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ug/L	13.2	10.0	**132**	80	120	V751993.D
SL40057	S5A1007-CCV1	Acetone	ug/L	13.6	10.0	**136**	80	120	V751993.D
SL40057	S5A1007-CCV1	Bromomethane	ug/L	1.84	10.0	**18.4**	80	120	V751993.D
SL40057	S5A1007-CCV1	Chloromethane	ug/L	4.56	10.0	**45.6**	80	120	V751993.D
SL40057	S5A1007-CCV1	Dichlorodifluoromethane	ug/L	5.29	10.0	**52.9**	80	120	V751993.D
SL40057	S5A1007-CCV1	Tetrachloroethylene	ug/L	5.80	10.0	**58**	80	120	V751993.D
SL40057	S5A1007-CCV1	Vinyl Chloride	ug/L	7.22	10.0	**72.2**	80	120	V751993.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40057	S5A1007	BA50481-BS1	LCS		V751996.D
SL40057	S5A1007	BA50481-BLK1	Blank		V751998.D
SL40057	S5A1007	25A0380-17	Field Blank 1/7/25		V752001.D
SL40057	S5A1007	25A0380-18	Equipment Blank 1/7/		V752002.D
SL40057	S5A1007	25A0380-19	Trip Blank 1/7/25		V752003.D

York Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50481	S5A1007	MSVOA7	BA50481-BLK1	V751998.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40057	5A1007	BA50481-BS1	LCS	V751996.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1007	LCS	BA50481-BS1	Bromomethane		**22.2**		43 - 168	
S5A1007	LCS	BA50481-BS1	Chloromethane		**42.4**		43 - 155	
S5A1007	LCS	BA50481-BS1	Tetrachloroethylene		**51.8**		82 - 131	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50481	25A0380-17	Field Blank 1/7/25	
BA50481	25A0380-18	Equipment Blank 1/7	
BA50481	25A0380-19	Trip Blank 1/7/25	
BA50481	BA50481-BLK1	Blank	

EPA 8260D

Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D SIM

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

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50021

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50021	S5A1014	S5A1014	Calibration Check	S5A1014-CCV1	MSBNA8	E800081345.D
SA50021	BA50476	S5A1014	LCS	BA50476-BS1	MSBNA8	E800081346.D
SA50021	BA50476	S5A1014	Blank	BA50476-BLK1	MSBNA8	E800081348.D
SA50021	BA50476	S5A1014	SB002 (2 IN -24 IN)	25A0380-05	MSBNA8	E800081350.D
SA50021	BA50476	S5A1014	SB002 (6 - 8 FT)	25A0380-06	MSBNA8	E800081351.D
SA50021	BA50476	S5A1014	SB003 (0- 2IN)	25A0380-07	MSBNA8	E800081352.D
SA50021	BA50476	S5A1014	SB003 (2 IN- 24IN)	25A0380-08	MSBNA8	E800081353.D
SA50021	BA50476	S5A1014	SB003 (6 - 8FT)	25A0380-09	MSBNA8	E800081354.D
SA50021	BA50476	S5A1014	SB00X	25A0380-10	MSBNA8	E800081355.D
SA50021	S5A1014	S5A1014	Calibration Check	S5A1014-CCV2	MSBNA8	E800081356.D
SA50021	BA50476	S5A1014	SB004 (0- 2IN)	25A0380-11	MSBNA8	E800081357.D
SA50021	BA50476	S5A1014	SB004 (2 IN-24 IN)	25A0380-12	MSBNA8	E800081358.D
SA50021	BA50476	S5A1014	SB004 (6- 8 FT)	25A0380-13	MSBNA8	E800081359.D
SA50021	BA50476	S5A1014	SB005 (0- 2IN)	25A0380-14	MSBNA8	E800081360.D
SA50021	BA50476	S5A1014	SB005 (2 IN-24 IN)	25A0380-15	MSBNA8	E800081361.D
SA50021	BA50476	S5A1014	SB005 (6- 8FT)	25A0380-16	MSBNA8	E800081362.D
SA50021	S5A1014	S5A1014	Calibration Check	S5A1014-CCV3	MSBNA8	E800081367.D
SA50021	S5A1014	S5A1014	Calibration Check	S5A1014-CCV4	MSBNA8	E800081372.D
SA50021	S5A1409	S5A1409	Secondary Cal Check	S5A1409-SCV1	MSBNA8	E800080355.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV1	MSBNA8	E800081381.D
SA50021	BA50568	S5A1415	Blank	BA50568-BLK1	MSBNA8	E800081382.D
SA50021	BA50568	S5A1415	LCS	BA50568-BS1	MSBNA8	E800081383.D
SA50021	BA50568	S5A1415	SB001(2 IN-24IN)MS1	BA50568-MS1	MSBNA8	E800081384.D
SA50021	BA50568	S5A1415	SB001(2 IN-24IN)MSD1	BA50568-MSD1	MSBNA8	E800081385.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV2	MSBNA8	E800081392.D
SA50021	BA50568	S5A1415	SB001 (O-2 IN)	25A0380-01	MSBNA8	E800081393.D
SA50021	BA50568	S5A1415	SB001(2 IN-24IN)	25A0380-02	MSBNA8	E800081394.D
SA50021	BA50568	S5A1415	SB001 (6-8 FT)	25A0380-03	MSBNA8	E800081395.D
SA50021	BA50568	S5A1415	SB002 (0-2IN)	25A0380-04	MSBNA8	E800081396.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV3	MSBNA8	E800081403.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV4	MSBNA8	E800081410.D

Initial calibration for EPA 8270D SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50021	S5A1014	S5A1014-CCV1	E800081345.D	01/10/25 11:36
SA50021	S5A1014	S5A1014-CCV2	E800081356.D	01/10/25 14:54
SA50021	S5A1014	S5A1014-CCV3	E800081367.D	01/10/25 18:54
SA50021	S5A1014	S5A1014-CCV4	E800081372.D	01/10/25 20:18
SA50021	S5A1415	S5A1415-CCV1	E800081381.D	01/13/25 11:36
SA50021	S5A1415	S5A1415-CCV2	E800081392.D	01/13/25 14:49
SA50021	S5A1415	S5A1415-CCV3	E800081403.D	01/13/25 18:08
SA50021	S5A1415	S5A1415-CCV4	E800081410.D	01/13/25 20:09

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50021	S5A1014-CCV4	1,4-Dioxane-d8	ug/mL	0.610	0.500	**122**	80	120	E800081372.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50021	S5A1014	BA50476-BS1	LCS		E800081346.D
SA50021	S5A1014	BA50476-BLK1	Blank		E800081348.D
SA50021	S5A1014	25A0380-05	SB002 (2 IN -24 IN)		E800081350.D
SA50021	S5A1014	25A0380-06	SB002 (6 - 8 FT)		E800081351.D
SA50021	S5A1014	25A0380-07	SB003 (0- 2IN)		E800081352.D
SA50021	S5A1014	25A0380-08	SB003 (2 IN- 24IN)		E800081353.D
SA50021	S5A1014	25A0380-09	SB003 (6 - 8FT)		E800081354.D
SA50021	S5A1014	25A0380-10	SB00X		E800081355.D
SA50021	S5A1014	25A0380-11	SB004 (0- 2IN)		E800081357.D
SA50021	S5A1014	25A0380-12	SB004 (2 IN-24 IN)		E800081358.D
SA50021	S5A1014	25A0380-13	SB004 (6- 8 FT)		E800081359.D
SA50021	S5A1014	25A0380-14	SB005 (0- 2IN)		E800081360.D
SA50021	S5A1014	25A0380-15	SB005 (2 IN-24 IN)		E800081361.D
SA50021	S5A1014	25A0380-16	SB005 (6- 8FT)		E800081362.D

York Analytical Work Order Narrative

EPA 8270D SIM

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50476	S5A1014	MSBNA8	BA50476-BLK1	E800081348.D
SVOA	BA50568	S5A1415	MSBNA8	BA50568-BLK1	E800081382.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50021	5A1014	BA50476-BS1	LCS	E800081346.D
SA50021	5A1415	BA50568-BS1	LCS	E800081383.D

EPA 8270D SIM

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SA50021**	BA50568	S5A1415	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50568-MS1
SVOA	**SA50021**	BA50568	S5A1415	SB001(2 IN-24IN)MSD1	25A0380-02	SB001(2 IN-24IN)	BA50568-MSD1

Dilutions: No sample dilutions were required.

EPA 8270D SIM

Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues:

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA50568	MSBNA8	**SA50021**	Blank	BA50568-BLK1	1,2-Dichlorobenzene-d4	43	0.0000
BA50476	MSBNA8	**SA50021**	SB005 (2 IN-24 IN)	25A0380-15	1,2-Dichlorobenzene-d4	45	0.0000
BA50476	MSBNA8	**SA50021**	Blank	BA50476-BLK1	1,2-Dichlorobenzene-d4	42	0.0000

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50021	SB001(2 IN-24IN)	25A0380-02	1,4-Dioxane-d8	**140**	39 - 127.5
SA50021	Calibration Check	S5A1014-CCV4	1,4-Dioxane-d8	**122**	80 - 120

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50022

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50022	S5A1005	S5A1005	Secondary Cal Check	S5A1005-SCV2	MSBNA9	E900324778.D
SA50022	S5A1005	S5A1005	Secondary Cal Check	S5A1005-SCV1	MSBNA9	E900324812.D
SA50022	S5A1422	S5A1422	Calibration Check	S5A1422-CCV1	MSBNA9	E900324826.D
SA50022	BA50641	S5A1422	Blank	BA50641-BLK1	MSBNA9	E900324834.D
SA50022	BA50641	S5A1422	LCS	BA50641-BS1	MSBNA9	E900324835.D
SA50022	BA50641	S5A1422	SB001(2 IN-24IN)MS1	BA50641-MS1	MSBNA9	E900324836.D
SA50022	BA50641	S5A1422	SB001(2 IN-24IN)MSD1	BA50641-MSD1	MSBNA9	E900324837.D
SA50022	BA50641	S5A1422	SB001 (O-2 IN)	25A0380-01	MSBNA9	E900324839.D
SA50022	BA50641	S5A1422	SB001(2 IN-24IN)	25A0380-02	MSBNA9	E900324840.D
SA50022	BA50641	S5A1422	SB001 (6-8 FT)	25A0380-03	MSBNA9	E900324841.D
SA50022	BA50641	S5A1422	SB002 (0-2IN)	25A0380-04	MSBNA9	E900324842.D
SA50022	BA50641	S5A1422	SB002 (2 IN -24 IN)	25A0380-05	MSBNA9	E900324843.D
SA50022	BA50641	S5A1422	SB002 (6 - 8 FT)	25A0380-06	MSBNA9	E900324844.D
SA50022	BA50641	S5A1422	SB003 (0- 2IN)	25A0380-07	MSBNA9	E900324845.D
SA50022	BA50641	S5A1422	SB003 (2 IN- 24IN)	25A0380-08	MSBNA9	E900324846.D
SA50022	BA50641	S5A1422	SB003 (6 - 8FT)	25A0380-09	MSBNA9	E900324847.D

4.0 Analysis Issues

Initial calibration for ***EPA 8270E*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SA50022	MSBNA9	1/9/2025 12:09:22 AM	E900324766.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**44.77**	20						Avg
4,6-Dinitro-2-methylphenol	**45.94**	20						Avg
Parathion	**27.87**	20						Avg
SURR: 2,4,6-Tribromophenol	**25.75**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A1005-SCV2		E900324778.D
Secondary Cal Check	S5A1005-SCV1		E900324812.D
Calibration Check	S5A1422-CCV1		E900324826.D
Blank	BA50641-BLK1		E900324834.D
LCS	BA50641-BS1		E900324835.D
Matrix Spike	BA50641-MS1	SB001(2 IN-24IN)	E900324836.D
Matrix Spike Dup	BA50641-MSD1	SB001(2 IN-24IN)	E900324837.D
SB001 (O-2 IN)	25A0380-01		E900324839.D
SB001(2 IN-24IN)	25A0380-02		E900324840.D
SB001 (6-8 FT)	25A0380-03		E900324841.D
SB002 (0-2IN)	25A0380-04		E900324842.D
SB002 (2 IN -24 IN)	25A0380-05		E900324843.D
SB002 (6 - 8 FT)	25A0380-06		E900324844.D
SB003 (0- 2IN)	25A0380-07		E900324845.D
SB003 (2 IN- 24IN)	25A0380-08		E900324846.D
SB003 (6 - 8FT)	25A0380-09		E900324847.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50022	S5A1005-SCV1	2,3,4,6-Tetrachlorophenol	30.0	40.6	**135**	70 - 130
SA50022	S5A1005-SCV1	2,4-Dinitrophenol	30.0	43.3	**144**	70 - 130
SA50022	S5A1005-SCV1	2-Nitrophenol	30.0	40.1	**134**	70 - 130
SA50022	S5A1005-SCV1	4,6-Dinitro-2-methylphenol	30.0	45.6	**152**	70 - 130
SA50022	S5A1005-SCV2	Benzidine	30.0	46.7	**156**	70 - 130
SA50022	S5A1005-SCV1	Pentachlorophenol	30.0	46.5	**155**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1422-CCV1	Calibration Check	E900324826.D
BA50641-BS1	LCS	E900324835.D
BA50641-MS1	Matrix Spike	E900324836.D
BA50641-MSD1	Matrix Spike Dup	E900324837.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50022	S5A1422	S5A1422-CCV1	E900324826.D	01/13/25 08:53

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50022	S5A1422-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	38.4	30.0	**128**	80	120	E900324826.D
SA50022	S5A1422-CCV1	2,4-Dinitrophenol	ug/mL	63.3	30.0	**211**	80	120	E900324826.D
SA50022	S5A1422-CCV1	2,4-Dinitrotoluene	ug/mL	38.2	30.0	**127**	80	120	E900324826.D
SA50022	S5A1422-CCV1	2,6-Dinitrotoluene	ug/mL	36.7	30.0	**122**	80	120	E900324826.D
SA50022	S5A1422-CCV1	2-Nitroaniline	ug/mL	36.4	30.0	**122**	80	120	E900324826.D
SA50022	S5A1422-CCV1	2-Nitrophenol	ug/mL	38.2	30.0	**127**	80	120	E900324826.D
SA50022	S5A1422-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	58.4	30.0	**195**	80	120	E900324826.D
SA50022	S5A1422-CCV1	4-Nitroaniline	ug/mL	36.5	30.0	**122**	80	120	E900324826.D
SA50022	S5A1422-CCV1	4-Nitrophenol	ug/mL	41.1	30.0	**137**	80	120	E900324826.D
SA50022	S5A1422-CCV1	Benzidine	ug/mL	45.4	30.0	**151**	80	120	E900324826.D
SA50022	S5A1422-CCV1	Benzoic acid	ug/mL	46.4	30.0	**155**	80	120	E900324826.D
SA50022	S5A1422-CCV1	Pentachlorophenol	ug/mL	49.9	30.0	**166**	80	120	E900324826.D
SA50022	S5A1422-CCV1	Parathion	ug/mL	43.1	30.0	**144**	80	120	E900324826.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50022	S5A1422	BA50641-BS1	LCS		E900324835.D
SA50022	S5A1422	BA50641-MS1	Matrix Spike	SB001(2 IN-24IN)	E900324836.D
SA50022	S5A1422	BA50641-MSD1	Matrix Spike Dup	SB001(2 IN-24IN)	E900324837.D

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50641	S5A1422	MSBNA9	BA50641-BLK1	E900324834.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50022	5A1422	BA50641-BS1	LCS	E900324835.D

EPA 8270E

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SA50022**	BA50641	S5A1422	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50641-MS1
SVOA	**SA50022**	BA50641	S5A1422	SB001(2 IN-24IN)MSD1	25A0380-02	SB001(2 IN-24IN)	BA50641-MSD1

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1422	SB001(2 IN-24IN)MSD1	25A0380-02	BA50641-MSD1	2,4-Dinitrophenol	49.1	30	J
S5A1422	SB001(2 IN-24IN)MSD1	25A0380-02	BA50641-MSD1	4,6-Dinitro-2-methylphenol	55.1	30	J
S5A1422	SB001(2 IN-24IN)MSD1	25A0380-02	BA50641-MSD1	Benzoic acid	30.3	30	

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA 8270E	BA50641	SB001 (O-2 IN)	25A0380-01	2
	EPA 8270E	BA50641	SB001(2 IN-24IN)	25A0380-02	2
	EPA 8270E	BA50641	SB001 (6-8 FT)	25A0380-03	2
	EPA 8270E	BA50641	SB002 (0-2IN)	25A0380-04	2
	EPA 8270E	BA50641	SB002 (2 IN -24 IN)	25A0380-05	2
	EPA 8270E	BA50641	SB002 (6 - 8 FT)	25A0380-06	2
	EPA 8270E	BA50641	SB003 (0- 2IN)	25A0380-07	2
	EPA 8270E	BA50641	SB003 (2 IN- 24IN)	25A0380-08	2
	EPA 8270E	BA50641	SB003 (6 - 8FT)	25A0380-09	2
	EPA 8270E	BA50641	SB00X	25A0380-10	2
	EPA 8270E	BA50567	SB004 (0- 2IN)	25A0380-11	2
	EPA 8270E	BA50567	SB004 (2 IN-24 IN)	25A0380-12	2
	EPA 8270E	BA50567	SB004 (6- 8 FT)	25A0380-13	2
	EPA 8270E	BA50567	SB005 (0- 2IN)	25A0380-14	2
	EPA 8270E	BA50567	SB005 (2 IN-24 IN)	25A0380-15	2
	EPA 8270E	BA50567	SB005 (6- 8FT)	25A0380-16	2

York Analytical Work Order Narrative

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI40047

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI40047	S4I3021	S4I3021	Secondary Cal Check	S4I3021-SCV1	BNA #4	SV4418152.D
SI40047	S5A1307	S5A1307	Calibration Check	S5A1307-CCV1	BNA #4	SV4419602.D
SI40047	BA50567	S5A1307	SB004 (0- 2IN)	25A0380-11	BNA #4	SV4419603.D
SI40047	BA50567	S5A1307	SB004 (2 IN-24 IN)	25A0380-12	BNA #4	SV4419604.D
SI40047	BA50567	S5A1307	SB004 (6- 8 FT)	25A0380-13	BNA #4	SV4419605.D
SI40047	BA50567	S5A1307	SB005 (0- 2IN)	25A0380-14	BNA #4	SV4419606.D
SI40047	BA50567	S5A1307	SB005 (2 IN-24 IN)	25A0380-15	BNA #4	SV4419607.D
SI40047	BA50567	S5A1307	SB005 (6- 8FT)	25A0380-16	BNA #4	SV4419608.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SI40047	BNA #4	9/27/2024 12:47:43 AM	SV4418115.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**29.63**	20						Avg
4,6-Dinitro-2-methylphenol	**27.05**	20						Avg
Benzoic acid	**26.22**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4I3021-SCV1		SV4418152.D
Calibration Check	S5A1307-CCV1		SV4419602.D
SB004 (0- 2IN)	25A0380-11		SV4419603.D
SB004 (2 IN-24 IN)	25A0380-12		SV4419604.D
SB004 (6- 8 FT)	25A0380-13		SV4419605.D
SB005 (0- 2IN)	25A0380-14		SV4419606.D
SB005 (2 IN-24 IN)	25A0380-15		SV4419607.D
SB005 (6- 8FT)	25A0380-16		SV4419608.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI40047	S4I3021-SCV1	2,4-Dimethylphenol	30.0	20.1	**67.1**	70 - 130
SI40047	S4I3021-SCV1	Hexachlorocyclopentadiene	30.0	13.8	**46.1**	70 - 130
SI40047	S4I3021-SCV1	Pyridine	30.0	20.3	**67.7**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1307-CCV1	Calibration Check	SV4419602.D
25A0380-11	SB004 (0- 2IN)	SV4419603.D
25A0380-12	SB004 (2 IN-24 IN)	SV4419604.D
25A0380-13	SB004 (6- 8 FT)	SV4419605.D
25A0380-14	SB005 (0- 2IN)	SV4419606.D
25A0380-15	SB005 (2 IN-24 IN)	SV4419607.D
25A0380-16	SB005 (6- 8FT)	SV4419608.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI40047	S5A1307	S5A1307-CCV1	SV4419602.D	01/11/25 14:26

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SI40047	S5A1307-CCV1	1,2-Diphenylhydrazine (as Azobenzene)	ug/mL	23.0	30.0	**76.8**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	4-Nitrophenol	ug/mL	48.3	30.0	**161**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	Alpha Terpineol	ug/mL	21.4	30.0	**71.4**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	Benzoic acid	ug/mL	1.94	30.0	**6.47**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	Bis(2-chloroisopropyl)ether	ug/mL	12.7	30.0	**42.3**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	Hexachlorocyclopentadiene	ug/mL	2.77	30.0	**9.23**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	Indeno(1,2,3-cd)pyrene	ug/mL	36.2	30.0	**121**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	N-Nitrosodimethylamine	ug/mL	23.3	30.0	**77.6**	80	120	SV4419602.D
SI40047	S5A1307-CCV1	Pentachlorophenol	ug/mL	21.2	30.0	**70.5**	80	120	SV4419602.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI40047	S5A1307	25A0380-11	SB004 (0- 2IN)		SV4419603.D
SI40047	S5A1307	25A0380-12	SB004 (2 IN-24 IN)		SV4419604.D
SI40047	S5A1307	25A0380-13	SB004 (6- 8 FT)		SV4419605.D
SI40047	S5A1307	25A0380-14	SB005 (0- 2IN)		SV4419606.D
SI40047	S5A1307	25A0380-15	SB005 (2 IN-24 IN)		SV4419607.D
SI40047	S5A1307	25A0380-16	SB005 (6- 8FT)		SV4419608.D

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

EPA 8270E

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270E	BA50641	SB001 (O-2 IN)	25A0380-01	2
EPA 8270E	BA50641	SB001(2 IN-24IN)	25A0380-02	2
EPA 8270E	BA50641	SB001 (6-8 FT)	25A0380-03	2
EPA 8270E	BA50641	SB002 (0-2IN)	25A0380-04	2
EPA 8270E	BA50641	SB002 (2 IN -24 IN)	25A0380-05	2
EPA 8270E	BA50641	SB002 (6 - 8 FT)	25A0380-06	2
EPA 8270E	BA50641	SB003 (0- 2IN)	25A0380-07	2
EPA 8270E	BA50641	SB003 (2 IN- 24IN)	25A0380-08	2
EPA 8270E	BA50641	SB003 (6 - 8FT)	25A0380-09	2
EPA 8270E	BA50641	SB00X	25A0380-10	2
EPA 8270E	BA50567	SB004 (0- 2IN)	25A0380-11	2
EPA 8270E	BA50567	SB004 (2 IN-24 IN)	25A0380-12	2
EPA 8270E	BA50567	SB004 (6- 8 FT)	25A0380-13	2
EPA 8270E	BA50567	SB005 (0- 2IN)	25A0380-14	2
EPA 8270E	BA50567	SB005 (2 IN-24 IN)	25A0380-15	2
EPA 8270E	BA50567	SB005 (6- 8FT)	25A0380-16	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.
Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D SIM SIM Analysis

SVOA, 8270 SIM MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40012

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40012	S4K0820	S4K0820	Secondary Cal Check	S4K0820-SCV1	BNA #5	SV501381.D
SK40012	S4K0820	S4K0820	Secondary Cal Check	S4K0820-SCV2	BNA #5	SV501382.D
SK40012	S5A1021	S5A1021	Calibration Check	S5A1021-CCV1	BNA #5	SV501406.D
SK40012	BA50472	S5A1021	Blank	BA50472-BLK2	BNA #5	SV501407.D
SK40012	BA50472	S5A1021	LCS	BA50472-BS2	BNA #5	SV501408.D
SK40012	BA50472	S5A1021	Field Blank 1/7/25	25A0380-17	BNA #5	SV501414.D
SK40012	BA50472	S5A1021	Equipment Blank 1/7/25	25A0380-18	BNA #5	SV501415.D

Initial calibration for EPA 8270D SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SK40012	S4K0820-SCV1	Nitrobenzene	1.00	0.460	**46.0**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1021-CCV1	Calibration Check	SV501406.D
BA50472-BLK2	Blank	SV501407.D
BA50472-BS2	LCS	SV501408.D
25A0380-17	Field Blank 1/7/25	SV501414.D
25A0380-18	Equipment Blank 1/7/25	SV501415.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40012	S5A1021	S5A1021-CCV1	SV501406.D	01/10/25 09:11

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SK40012	S5A1021-CCV1	Nitrobenzene	ug/mL	0.910	2.50	**36.4**	70	130	SV501406.D
SK40012	S5A1021-CCV1	Pentachlorophenol	ug/mL	0.650	1.50	**43.3**	70	130	SV501406.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SK40012	S5A1021	BA50472-BLK2	Blank		SV501407.D
SK40012	S5A1021	BA50472-BS2	LCS		SV501408.D
SK40012	S5A1021	25A0380-17	Field Blank 1/7/25		SV501414.D
SK40012	S5A1021	25A0380-18	Equipment Blank 1/7/		SV501415.D

York Analytical Work Order Narrative

EPA 8270D SIM SIM Analysis

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50472	S5A1021	BNA #5	BA50472-BLK2	SV501407.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40012	5A1021	BA50472-BS2	LCS	SV501408.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1021	LCS	BA50472-BS2	Hexachloroethane		**0**		18 - 115	
S5A1021	LCS	BA50472-BS2	N-Nitrosodimethylamine		**0**		10 - 124	
S5A1021	LCS	BA50472-BS2	Pentachlorophenol		**0**		10 - 156	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50472	25A0380-17	Field Blank 1/7/25	
BA50472	25A0380-18	Equipment Blank 1/7	
BA50472	BA50472-BLK2	Blank	

EPA 8270D SIM SIM Analysis

Dilutions: No sample dilutions were required.

EPA 8270D SIM SIM Analysis

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.
Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270E SIM

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

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40038

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40038	S4K2410	S4K2410	Secondary Cal Check	S4K2410-SCV1	MSBNA8	E800080355.D
SK40038	S5A1463	S5A1463	Calibration Check	S5A1463-CCV1	MSBNA8	E800081414.D
SK40038	BA50761	S5A1463	Blank	BA50761-BLK1	MSBNA8	E800081415.D
SK40038	BA50761	S5A1463	LCS	BA50761-BS1	MSBNA8	E800081416.D
SK40038	BA50761	S5A1463	Field Blank 1/7/25MS1	BA50761-MS1	MSBNA8	E800081417.D
SK40038	BA50761	S5A1463	Field Blank 1/7/25MSD1	BA50761-MSD1	MSBNA8	E800081418.D
SK40038	BA50761	S5A1463	Field Blank 1/7/25	25A0380-17	MSBNA8	E800081425.D
SK40038	BA50761	S5A1463	Equipment Blank 1/7/25	25A0380-18	MSBNA8	E800081426.D
SK40038	S5A1463	S5A1463	Calibration Check	S5A1463-CCV2	MSBNA8	E800081427.D

Initial calibration for EPA 8270E SIM met method guidelines.

EPA 8270E SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E SIM

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40038	S5A1463	S5A1463-CCV1	E800081414.D	01/14/25 11:52
SK40038	S5A1463	S5A1463-CCV2	E800081427.D	01/14/25 16:29

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 8270E SIM

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50761	S5A1463	MSBNA8	BA50761-BLK1	E800081415.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40038	5A1463	BA50761-BS1	LCS	E800081416.D

EPA 8270E SIM

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SK40038**	BA50761	S5A1463	Field Blank 1/7/25MS1	25A0380-17	Field Blank 1/7/25	BA50761-MS1
SVOA	**SK40038**	BA50761	S5A1463	Field Blank 1/7/25MSD1	25A0380-17	Field Blank 1/7/25	BA50761-MSD1

Dilutions: No sample dilutions were required.

EPA 8270E SIM

Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues: No issues were encountered.

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA50761	MSBNA8	**SK40038**	Matrix Spike Dup	BA50761-MSD1	1,2-Dichlorobenzene-d4	43	0.0000
BA50761	MSBNA8	**SK40038**	Matrix Spike	BA50761-MS1	1,2-Dichlorobenzene-d4	46	0.0000
BA50761	MSBNA8	**SK40038**	LCS	BA50761-BS1	1,2-Dichlorobenzene-d4	48	0.0000
BA50761	MSBNA8	**SK40038**	Blank	BA50761-BLK1	1,2-Dichlorobenzene-d4	47	0.0000

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40036

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV1	BNA #7	E70357504.D
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV2	BNA #7	E70357505.D
SL40036	S5A1019	S5A1019	Calibration Check	S5A1019-CCV1	BNA #7	E70357899.D
SL40036	BA50472	S5A1019	Blank	BA50472-BLK1	BNA #7	E70357900.D
SL40036	BA50472	S5A1019	LCS	BA50472-BS1	BNA #7	E70357901.D
SL40036	BA50472	S5A1019	LCS Dup	BA50472-BSD1	BNA #7	E70357902.D
SL40036	BA50472	S5A1019	Field Blank 1/7/25	25A0380-17	BNA #7	E70357908.D
SL40036	BA50472	S5A1019	Equipment Blank 1/7/25	25A0380-18	BNA #7	E70357909.D

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40036	BNA #7	12/13/2024 12:40:46 AM	E70357450.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2,4,5-Tetrachlorobenzene	**37.00**	20						Avg
2,4-Dinitrophenol	**44.99**	20						Avg
3,3-Dichlorobenzidine	**37.15**	20						Avg
4,6-Dinitro-2-methylphenol	**39.44**	20						Avg
Acetophenone	**30.55**	20						Avg
Benzaldehyde	**28.65**	20						Avg
Caprolactam	**26.92**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1716-SCV1		E70357504.D
Secondary Cal Check	S4L1716-SCV2		E70357505.D
Calibration Check	S5A1019-CCV1		E70357899.D
Blank	BA50472-BLK1		E70357900.D
LCS	BA50472-BS1		E70357901.D
LCS Dup	BA50472-BSD1		E70357902.D
Field Blank 1/7/25	25A0380-17		E70357908.D
Equipment Blank 1/7/25	25A0380-18		E70357909.D
Calibration Check	S5A1414-CCV1		E70357968.D
SB00X	25A0380-10		E70357983.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40036	S4L1716-SCV1	2,3,4,6-Tetrachlorophenol	30.0	40.6	**135**	70 - 130
SL40036	S4L1716-SCV1	4,6-Dinitro-2-methylphenol	30.0	48.3	**161**	70 - 130
SL40036	S4L1716-SCV1	N-nitroso-di-n-propylamine	30.0	39.8	**133**	70 - 130
SL40036	S4L1716-SCV1	N-Nitrosodiphenylamine	30.0	40.2	**134**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1019-CCV1	Calibration Check	E70357899.D
BA50472-BS1	LCS	E70357901.D
BA50472-BSD1	LCS Dup	E70357902.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40036	S5A1019	S5A1019-CCV1	E70357899.D	01/10/25 08:54

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40036	S5A1019-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	45.6	30.0	**152**	80	120	E70357899.D
SL40036	S5A1019-CCV1	3-Nitroaniline	ug/mL	36.8	30.0	**123**	80	120	E70357899.D
SL40036	S5A1019-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	38.6	30.0	**129**	80	120	E70357899.D
SL40036	S5A1019-CCV1	4-Nitrophenol	ug/mL	47.5	30.0	**158**	80	120	E70357899.D
SL40036	S5A1019-CCV1	Benzyl butyl phthalate	ug/mL	36.4	30.0	**121**	80	120	E70357899.D
SL40036	S5A1019-CCV1	Caprolactam	ug/mL	21.9	30.0	**73**	80	120	E70357899.D
SL40036	S5A1019-CCV1	N-nitroso-di-n-propylamine	ug/mL	41.4	30.0	**138**	80	120	E70357899.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40036	S5A1019	BA50472-BLK1	Blank		E70357900.D
SL40036	S5A1019	BA50472-BS1	LCS		E70357901.D
SL40036	S5A1019	BA50472-BSD1	LCS Dup		E70357902.D
SL40036	S5A1019	25A0380-17	Field Blank 1/7/25		E70357908.D
SL40036	S5A1019	25A0380-18	Equipment Blank 1/7/		E70357909.D

York Analytical Work Order Narrative

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50472	S5A1019	BNA #7	BA50472-BLK1	E70357900.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40036	5A1019	BA50472-BS1	LCS	E70357901.D
SL40036	5A1019	BA50472-BSD1	LCS Dup	E70357902.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1019	LCS	BA50472-BS1	Pyridine		**9.57**		10 - 90	
S5A1019	LCS Dup	BA50472-BSD1	Pyridine	9.57	**8.69**	9.7	10 - 90	20

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50472	25A0380-17	Field Blank 1/7/25	
BA50472	25A0380-18	Equipment Blank 1/7	
BA50472	BA50472-BLK1	Blank	

EPA 8270D

Dilutions: No sample dilutions were required.

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SL40036	Equipment Blank 1/7/25	25A0380-18	SURR: Nitrobenzene-d5	**46**	50.2 - 113
SL40036	Equipment Blank 1/7/25	25A0380-18	SURR: 2,4,6-Tribromophenol	**38.2**	39.3 - 151

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40036

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV1	BNA #7	E70357504.D
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV2	BNA #7	E70357505.D
SL40036	S5A1414	S5A1414	Calibration Check	S5A1414-CCV1	BNA #7	E70357968.D
SL40036	BA50641	S5A1414	SB00X	25A0380-10	BNA #7	E70357983.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40036	BNA #7	12/13/2024 12:40:46 AM	E70357450.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2,4,5-Tetrachlorobenzene	**37.00**	20						Avg
2,4-Dinitrophenol	**44.99**	20						Avg
3,3-Dichlorobenzidine	**37.15**	20						Avg
4,6-Dinitro-2-methylphenol	**39.44**	20						Avg
Acetophenone	**30.55**	20						Avg
Atrazine	**36.94**	20						Avg
Benzaldehyde	**28.65**	20						Avg
Benzidine	**39.00**	20						Avg
Benzoic acid	**31.56**	20						Avg
Caprolactam	**26.92**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1716-SCV1		E70357504.D
Secondary Cal Check	S4L1716-SCV2		E70357505.D
Calibration Check	S5A1019-CCV1		E70357899.D
Blank	BA50472-BLK1		E70357900.D
LCS	BA50472-BS1		E70357901.D
LCS Dup	BA50472-BSD1		E70357902.D
Field Blank 1/7/25	25A0380-17		E70357908.D
Equipment Blank 1/7/25	25A0380-18		E70357909.D
Calibration Check	S5A1414-CCV1		E70357968.D
SB00X	25A0380-10		E70357983.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40036	S4L1716-SCV1	2,3,4,6-Tetrachlorophenol	30.0	40.6	**135**	70 - 130
SL40036	S4L1716-SCV1	4,6-Dinitro-2-methylphenol	30.0	48.3	**161**	70 - 130
SL40036	S4L1716-SCV2	Benzidine	30.0	40.7	**136**	70 - 130
SL40036	S4L1716-SCV1	N-nitroso-di-n-propylamine	30.0	39.8	**133**	70 - 130
SL40036	S4L1716-SCV1	N-Nitrosodiphenylamine	30.0	40.2	**134**	70 - 130
SL40036	S4L1716-SCV2	Parathion	30.0	42.4	**141**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1414-CCV1	Calibration Check	E70357968.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40036	S5A1414	S5A1414-CCV1	E70357968.D	01/13/25 12:44

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40036	S5A1414-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	48.6	30.0	**162**	80	120	E70357968.D
SL40036	S5A1414-CCV1	2,4-Dinitrophenol	ug/mL	50.5	30.0	**168**	80	120	E70357968.D
SL40036	S5A1414-CCV1	2,6-Dinitrotoluene	ug/mL	36.6	30.0	**122**	80	120	E70357968.D
SL40036	S5A1414-CCV1	2-Methylphenol	ug/mL	36.7	30.0	**122**	80	120	E70357968.D
SL40036	S5A1414-CCV1	3-Nitroaniline	ug/mL	38.9	30.0	**130**	80	120	E70357968.D
SL40036	S5A1414-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	43.2	30.0	**144**	80	120	E70357968.D
SL40036	S5A1414-CCV1	4-Nitrophenol	ug/mL	51.1	30.0	**170**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Atrazine	ug/mL	22.9	30.0	**76.5**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Benzyl butyl phthalate	ug/mL	39.5	30.0	**132**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Bis(2-ethylhexyl)phthalate	ug/mL	37.6	30.0	**126**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Di-n-octyl phthalate	ug/mL	36.7	30.0	**122**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Hexachlorobenzene	ug/mL	39.7	30.0	**132**	80	120	E70357968.D
SL40036	S5A1414-CCV1	N-Nitrosodimethylamine	ug/mL	43.4	30.0	**145**	80	120	E70357968.D
SL40036	S5A1414-CCV1	N-nitroso-di-n-propylamine	ug/mL	43.8	30.0	**146**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Pentachloronitrobenzene	ug/mL	43.3	30.0	**144**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Pyridine	ug/mL	41.4	30.0	**138**	80	120	E70357968.D
SL40036	S5A1414-CCV1	Parathion	ug/mL	52.6	30.0	**175**	80	120	E70357968.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40036	S5A1414	25A0380-10	SB00X		E70357983.D

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

EPA 8270E

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270E	BA50641	SB001 (O-2 IN)	25A0380-01	2
EPA 8270E	BA50641	SB001(2 IN-24IN)	25A0380-02	2
EPA 8270E	BA50641	SB001 (6-8 FT)	25A0380-03	2
EPA 8270E	BA50641	SB002 (0-2IN)	25A0380-04	2
EPA 8270E	BA50641	SB002 (2 IN -24 IN)	25A0380-05	2
EPA 8270E	BA50641	SB002 (6 - 8 FT)	25A0380-06	2
EPA 8270E	BA50641	SB003 (0- 2IN)	25A0380-07	2
EPA 8270E	BA50641	SB003 (2 IN- 24IN)	25A0380-08	2
EPA 8270E	BA50641	SB003 (6 - 8FT)	25A0380-09	2
EPA 8270E	BA50641	SB00X	25A0380-10	2
EPA 8270E	BA50567	SB004 (0- 2IN)	25A0380-11	2
EPA 8270E	BA50567	SB004 (2 IN-24 IN)	25A0380-12	2
EPA 8270E	BA50567	SB004 (6- 8 FT)	25A0380-13	2
EPA 8270E	BA50567	SB005 (0- 2IN)	25A0380-14	2
EPA 8270E	BA50567	SB005 (2 IN-24 IN)	25A0380-15	2
EPA 8270E	BA50567	SB005 (6- 8FT)	25A0380-16	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.
Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40038

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40038	S4L1938	S4L1938	Secondary Cal Check	S4L1938-SCV1	BNA#6	SV64900.D
SL40038	S4L1938	S4L1938	Secondary Cal Check	S4L1938-SCV2	BNA#6	SV64901.D
SL40038	S5A1411	S5A1411	Calibration Check	S5A1411-CCV1	BNA#6	SV65247.D
SL40038	BA50567	S5A1411	Blank	BA50567-BLK1	BNA#6	SV65248.D
SL40038	BA50567	S5A1411	LCS	BA50567-BS1	BNA#6	SV65249.D
SL40038	BA50567	S5A1411	SB005 (6- 8FT)MS1	BA50567-MS1	BNA#6	SV65250.D
SL40038	BA50567	S5A1411	SB005 (6- 8FT)MSD1	BA50567-MSD1	BNA#6	SV65251.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40038	BNA#6	12/13/2024 12:14:40 AM	SV64890.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
Bis(2-chloroethoxy)methane	**27.16**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1938-SCV1		SV64900.D
Calibration Check	S5A1411-CCV1		SV65247.D
Blank	BA50567-BLK1		SV65248.D
LCS	BA50567-BS1		SV65249.D
Matrix Spike	BA50567-MS1	SB005 (6- 8FT)	SV65250.D
Matrix Spike Dup	BA50567-MSD1	SB005 (6- 8FT)	SV65251.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40038	S4L1938-SCV2	3,3-Dichlorobenzidine	30.0	65.6	**219**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1411-CCV1	Calibration Check	SV65247.D
BA50567-BS1	LCS	SV65249.D
BA50567-MS1	Matrix Spike	SV65250.D
BA50567-MSD1	Matrix Spike Dup	SV65251.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40038	S5A1411	S5A1411-CCV1	SV65247.D	01/13/25 09:01

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40038	S5A1411-CCV1	1,2,4-Trichlorobenzene	ug/mL	19.8	30.0	**65.9**	80	120	SV65247.D
SL40038	S5A1411-CCV1	2,4,5-Trichlorophenol	ug/mL	23.9	30.0	**79.7**	80	120	SV65247.D
SL40038	S5A1411-CCV1	2,4-Dichlorophenol	ug/mL	22.3	30.0	**74.3**	80	120	SV65247.D
SL40038	S5A1411-CCV1	2,4-Dinitrophenol	ug/mL	22.5	30.0	**75**	80	120	SV65247.D
SL40038	S5A1411-CCV1	2-Nitroaniline	ug/mL	37.3	30.0	**124**	80	120	SV65247.D
SL40038	S5A1411-CCV1	3,3-Dichlorobenzidine	ug/mL	56.4	30.0	**188**	80	120	SV65247.D
SL40038	S5A1411-CCV1	3-Nitroaniline	ug/mL	37.3	30.0	**124**	80	120	SV65247.D
SL40038	S5A1411-CCV1	4-Chlorophenyl phenyl ether	ug/mL	23.5	30.0	**78.3**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Benzoic acid	ug/mL	14.5	30.0	**48.2**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Benzyl butyl phthalate	ug/mL	38.6	30.0	**129**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Bis(2-ethylhexyl)phthalate	ug/mL	36.7	30.0	**122**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Di-n-octyl phthalate	ug/mL	39.6	30.0	**132**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Hexachlorobutadiene	ug/mL	18.6	30.0	**62.1**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Nitrobenzene	ug/mL	23.9	30.0	**79.6**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Pentachlorophenol	ug/mL	19.8	30.0	**65.8**	80	120	SV65247.D
SL40038	S5A1411-CCV1	Parathion	ug/mL	38.2	30.0	**127**	80	120	SV65247.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40038	S5A1411	BA50567-BLK1	Blank		SV65248.D
SL40038	S5A1411	BA50567-BS1	LCS		SV65249.D
SL40038	S5A1411	BA50567-MS1	Matrix Spike	SB005 (6- 8FT)	SV65250.D
SL40038	S5A1411	BA50567-MSD1	Matrix Spike Dup	SB005 (6- 8FT)	SV65251.D

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50567	S5A1411	BNA#6	BA50567-BLK1	SV65248.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40038	5A1411	BA50567-BS1	LCS	SV65249.D

EPA 8270E

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SL40038**	BA50567	S5A1411	SB005 (6- 8FT)MS1	25A0380-16	SB005 (6- 8FT)	BA50567-MS1
SVOA	**SL40038**	BA50567	S5A1411	SB005 (6- 8FT)MSD1	25A0380-16	SB005 (6- 8FT)	BA50567-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1411	SB005 (6- 8FT)	BA50567-MS1	Benzoic acid	mg/kg dry		8.28		10 - 166	

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1411	SB005 (6- 8FT)MSD1	25A0380-16	BA50567-MSD1	2-Nitroaniline	32.6	30	
S5A1411	SB005 (6- 8FT)MSD1	25A0380-16	BA50567-MSD1	3-Nitroaniline	32.6	30	

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA 8270E	BA50641	SB001 (O-2 IN)	25A0380-01	2
	EPA 8270E	BA50641	SB001(2 IN-24IN)	25A0380-02	2
	EPA 8270E	BA50641	SB001 (6-8 FT)	25A0380-03	2
	EPA 8270E	BA50641	SB002 (0-2IN)	25A0380-04	2
	EPA 8270E	BA50641	SB002 (2 IN -24 IN)	25A0380-05	2
	EPA 8270E	BA50641	SB002 (6 - 8 FT)	25A0380-06	2
	EPA 8270E	BA50641	SB003 (0- 2IN)	25A0380-07	2
	EPA 8270E	BA50641	SB003 (2 IN- 24IN)	25A0380-08	2
	EPA 8270E	BA50641	SB003 (6 - 8FT)	25A0380-09	2
	EPA 8270E	BA50641	SB00X	25A0380-10	2
	EPA 8270E	BA50567	SB004 (0- 2IN)	25A0380-11	2
	EPA 8270E	BA50567	SB004 (2 IN-24 IN)	25A0380-12	2
	EPA 8270E	BA50567	SB004 (6- 8 FT)	25A0380-13	2
	EPA 8270E	BA50567	SB005 (0- 2IN)	25A0380-14	2
	EPA 8270E	BA50567	SB005 (2 IN-24 IN)	25A0380-15	2
	EPA 8270E	BA50567	SB005 (6- 8FT)	25A0380-16	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 1633 Draft 3

PFAS, EPA 1633 Target List

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50002

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50002	S5A0306	S5A0306	Secondary Cal Check	S5A0306-SCV1	LCQQQ	QQQ48613.d
SA50002	S5A1335	S5A1335	Low Cal Check	S5A1335-LCV1	LCQQQ	QQQ48874.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV1	LCQQQ	QQQ48876.d
SA50002	S5A1335	S5A1335	Calibration Blank	S5A1335-CCB1	LCQQQ	QQQ48878.d
SA50002	BA50519	S5A1335	Blank	BA50519-BLK1	LCQQQ	QQQ48879.d
SA50002	BA50519	S5A1335	LCS	BA50519-BS1	LCQQQ	QQQ48880.d
SA50002	BA50519	S5A1335	LCS	BA50519-BS2	LCQQQ	QQQ48881.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV2	LCQQQ	QQQ48892.d
SA50002	S5A1335	S5A1335	Calibration Blank	S5A1335-CCB2	LCQQQ	QQQ48893.d
SA50002	BA50631	S5A1335	Blank	BA50631-BLK1	LCQQQ	QQQ48895.d
SA50002	BA50631	S5A1335	LCS	BA50631-BS1	LCQQQ	QQQ48896.d
SA50002	BA50631	S5A1335	LCS	BA50631-BS2	LCQQQ	QQQ48897.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV3	LCQQQ	QQQ48906.d
SA50002	S5A1335	S5A1335	Calibration Blank	S5A1335-CCB3	LCQQQ	QQQ48907.d
SA50002	BA50650	S5A1335	Blank	BA50650-BLK1	LCQQQ	QQQ48908.d
SA50002	BA50650	S5A1335	LCS	BA50650-BS1	LCQQQ	QQQ48909.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV4	LCQQQ	QQQ48911.d
SA50002	S5A1460	S5A1460	Low Cal Check	S5A1460-LCV1	LCQQQ	QQQ48915.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV1	LCQQQ	QQQ48916.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB1	LCQQQ	QQQ48919.d
SA50002	BA50651	S5A1460	Blank	BA50651-BLK1	LCQQQ	QQQ48920.d
SA50002	BA50651	S5A1460	LCS	BA50651-BS1	LCQQQ	QQQ48921.d
SA50002	BA50651	S5A1460	LCS	BA50651-BS2	LCQQQ	QQQ48922.d
SA50002	BA50650	S5A1460	LCS	BA50650-BS2	LCQQQ	QQQ48923.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV2	LCQQQ	QQQ48934.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB2	LCQQQ	QQQ48935.d
SA50002	BA50519	S5A1460	SB001 (O-2 IN)	25A0380-01	LCQQQ	QQQ48936.d
SA50002	BA50519	S5A1460	SB001(2 IN-24IN)	25A0380-02	LCQQQ	QQQ48937.d
SA50002	BA50519	S5A1460	SB001(2 IN-24IN)MS1	BA50519-MS1	LCQQQ	QQQ48938.d
SA50002	BA50519	S5A1460	SB001(2 IN-24IN)MSD1	BA50519-MSD1	LCQQQ	QQQ48939.d
SA50002	BA50519	S5A1460	SB001 (6-8 FT)	25A0380-03	LCQQQ	QQQ48940.d
SA50002	BA50519	S5A1460	SB002 (0-2IN)	25A0380-04	LCQQQ	QQQ48941.d
SA50002	BA50519	S5A1460	SB002 (2 IN -24 IN)	25A0380-05	LCQQQ	QQQ48942.d
SA50002	BA50631	S5A1460	SB002 (6 - 8 FT)	25A0380-06	LCQQQ	QQQ48943.d
SA50002	BA50631	S5A1460	SB003 (0- 2IN)	25A0380-07	LCQQQ	QQQ48944.d
SA50002	BA50631	S5A1460	SB003 (2 IN- 24IN)	25A0380-08	LCQQQ	QQQ48945.d
SA50002	BA50631	S5A1460	SB003 (6 - 8FT)	25A0380-09	LCQQQ	QQQ48946.d
SA50002	BA50631	S5A1460	SB00X	25A0380-10	LCQQQ	QQQ48947.d

4.0 Analysis Issues

SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV3	LCQQQ	QQQ48948.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB3	LCQQQ	QQQ48949.d
SA50002	BA50631	S5A1460	SB004 (0- 2IN)	25A0380-11	LCQQQ	QQQ48950.d
SA50002	BA50650	S5A1460	Field Blank 1/7/25	25A0380-17	LCQQQ	QQQ48958.d
SA50002	BA50650	S5A1460	Equipment Blank 1/7/25	25A0380-18	LCQQQ	QQQ48959.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV4	LCQQQ	QQQ48960.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB4	LCQQQ	QQQ48961.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV5	LCQQQ	QQQ48970.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB5	LCQQQ	QQQ48971.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV6	LCQQQ	QQQ48988.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB6	LCQQQ	QQQ48989.d
SA50002	BA50651	S5A1460	SB004 (2 IN-24 IN)	25A0380-12	LCQQQ	QQQ48996.d
SA50002	BA50651	S5A1460	SB004 (6- 8 FT)	25A0380-13	LCQQQ	QQQ48997.d
SA50002	BA50651	S5A1460	SB005 (0- 2IN)	25A0380-14	LCQQQ	QQQ48998.d
SA50002	BA50651	S5A1460	SB005 (2 IN-24 IN)	25A0380-15	LCQQQ	QQQ48999.d
SA50002	BA50651	S5A1460	SB005 (6- 8FT)	25A0380-16	LCQQQ	QQQ49000.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV7	LCQQQ	QQQ49004.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB7	LCQQQ	QQQ49005.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV8	LCQQQ	QQQ49014.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB8	LCQQQ	QQQ49017.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV9	LCQQQ	QQQ49032.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB9	LCQQQ	QQQ49033.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVA	LCQQQ	QQQ49040.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBA	LCQQQ	QQQ49041.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVB	LCQQQ	QQQ49050.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBB	LCQQQ	QQQ49051.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVC	LCQQQ	QQQ49064.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBC	LCQQQ	QQQ49065.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVD	LCQQQ	QQQ49075.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBD	LCQQQ	QQQ49076.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVE	LCQQQ	QQQ49084.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBE	LCQQQ	QQQ49085.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVF	LCQQQ	QQQ49096.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBF	LCQQQ	QQQ49097.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVG	LCQQQ	QQQ49111.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBG	LCQQQ	QQQ49112.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVH	LCQQQ	QQQ49123.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBH	LCQQQ	QQQ49124.d

4.0 Analysis Issues

Initial calibration for EPA 1633 Draft 3 exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50002	LCQQQ	12/31/2024 8:00:23 AM	QQQ48592.d

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
M2-4:2 FTS	**25.04**	20						Avg
M2-6:2 FTS	**31.17**	20						Avg
M2-8:2 FTS	**27.51**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A0306-SCV1		QQQ48613.d
Low Cal Check	S5A1335-LCV1		QQQ48874.d
Calibration Check	S5A1335-CCV1		QQQ48876.d
Calibration Blank	S5A1335-CCB1		QQQ48878.d
Blank	BA50519-BLK1		QQQ48879.d
LCS	BA50519-BS1		QQQ48880.d
LCS	BA50519-BS2		QQQ48881.d
Calibration Check	S5A1335-CCV2		QQQ48892.d
Calibration Blank	S5A1335-CCB2		QQQ48893.d
Blank	BA50631-BLK1		QQQ48895.d
LCS	BA50631-BS1		QQQ48896.d
LCS	BA50631-BS2		QQQ48897.d
Calibration Check	S5A1335-CCV3		QQQ48906.d
Calibration Blank	S5A1335-CCB3		QQQ48907.d
Blank	BA50650-BLK1		QQQ48908.d
LCS	BA50650-BS1		QQQ48909.d
Calibration Check	S5A1335-CCV4		QQQ48911.d
Low Cal Check	S5A1460-LCV1		QQQ48915.d
Calibration Check	S5A1460-CCV1		QQQ48916.d
Calibration Blank	S5A1460-CCB1		QQQ48919.d
Blank	BA50651-BLK1		QQQ48920.d
LCS	BA50651-BS1		QQQ48921.d
LCS	BA50651-BS2		QQQ48922.d
LCS	BA50650-BS2		QQQ48923.d
Calibration Check	S5A1460-CCV2		QQQ48934.d
Calibration Blank	S5A1460-CCB2		QQQ48935.d
Matrix Spike	BA50519-MS1	SB001(2 IN-24IN)	QQQ48938.d
Matrix Spike Dup	BA50519-MSD1	SB001(2 IN-24IN)	QQQ48939.d
Calibration Check	S5A1460-CCV3		QQQ48948.d
Calibration Blank	S5A1460-CCB3		QQQ48949.d
Calibration Check	S5A1460-CCV4		QQQ48960.d
Calibration Blank	S5A1460-CCB4		QQQ48961.d
Calibration Check	S5A1460-CCV5		QQQ48970.d
Calibration Blank	S5A1460-CCB5		QQQ48971.d
Calibration Check	S5A1460-CCV6		QQQ48988.d

4.0 Analysis Issues

Calibration Blank	S5A1460-CCB6	QQQ48989.d
Calibration Check	S5A1460-CCV7	QQQ49004.d
Calibration Blank	S5A1460-CCB7	QQQ49005.d
Calibration Check	S5A1460-CCV8	QQQ49014.d
Calibration Blank	S5A1460-CCB8	QQQ49017.d
Calibration Check	S5A1460-CCV9	QQQ49032.d
Calibration Blank	S5A1460-CCB9	QQQ49033.d
Calibration Check	S5A1460-CCVA	QQQ49040.d
Calibration Blank	S5A1460-CCBA	QQQ49041.d
Calibration Check	S5A1460-CCVB	QQQ49050.d
Calibration Blank	S5A1460-CCBB	QQQ49051.d
Calibration Check	S5A1460-CCVC	QQQ49064.d
Calibration Blank	S5A1460-CCBC	QQQ49065.d
Calibration Check	S5A1460-CCVD	QQQ49075.d
Calibration Blank	S5A1460-CCBD	QQQ49076.d
Calibration Check	S5A1460-CCVE	QQQ49084.d
Calibration Blank	S5A1460-CCBE	QQQ49085.d
Calibration Check	S5A1460-CCVF	QQQ49096.d
Calibration Blank	S5A1460-CCBF	QQQ49097.d
Calibration Check	S5A1460-CCVG	QQQ49111.d
Calibration Blank	S5A1460-CCBG	QQQ49112.d
Calibration Check	S5A1460-CCVH	QQQ49123.d
Calibration Blank	S5A1460-CCBH	QQQ49124.d

York Analytical Work Order Narrative

EPA 1633 Draft 3

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 1633 Draft 3

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50002	S5A1335	S5A1335-CCV1	QQQ48876.d	01/13/25 10:04
SA50002	S5A1335	S5A1335-CCV2	QQQ48892.d	01/13/25 15:14
SA50002	S5A1335	S5A1335-CCV3	QQQ48906.d	01/13/25 19:06
SA50002	S5A1335	S5A1335-CCV4	QQQ48911.d	01/13/25 21:09
SA50002	S5A1460	S5A1460-CCV1	QQQ48916.d	01/14/25 12:43
SA50002	S5A1460	S5A1460-CCV2	QQQ48934.d	01/14/25 17:35
SA50002	S5A1460	S5A1460-CCV3	QQQ48948.d	01/14/25 21:20
SA50002	S5A1460	S5A1460-CCV4	QQQ48960.d	01/15/25 00:34
SA50002	S5A1460	S5A1460-CCV5	QQQ48970.d	01/15/25 03:15
SA50002	S5A1460	S5A1460-CCV6	QQQ48988.d	01/15/25 09:42
SA50002	S5A1460	S5A1460-CCV7	QQQ49004.d	01/15/25 13:54
SA50002	S5A1460	S5A1460-CCV8	QQQ49014.d	01/15/25 16:35
SA50002	S5A1460	S5A1460-CCV9	QQQ49032.d	01/15/25 22:13
SA50002	S5A1460	S5A1460-CCVA	QQQ49040.d	01/16/25 07:42
SA50002	S5A1460	S5A1460-CCVB	QQQ49050.d	01/16/25 10:23
SA50002	S5A1460	S5A1460-CCVC	QQQ49064.d	01/16/25 14:20
SA50002	S5A1460	S5A1460-CCVD	QQQ49075.d	01/16/25 17:17
SA50002	S5A1460	S5A1460-CCVE	QQQ49084.d	01/16/25 19:43
SA50002	S5A1460	S5A1460-CCVF	QQQ49096.d	01/16/25 22:57
SA50002	S5A1460	S5A1460-CCVG	QQQ49111.d	01/17/25 02:58
SA50002	S5A1460	S5A1460-CCVH	QQQ49123.d	01/17/25 06:12

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50002	S5A1335-CCV2	N-EtFOSAA	ng/mL	0.300	2.50	**12**	70	130	QQQ48892.d
SA50002	S5A1335-CCV2	d5-N-EtFOSAA	ng/mL	6.58	5.00	**132**	70	130	QQQ48892.d
SA50002	S5A1335-CCV2	M2-8:2 FTS	ng/mL	7.28	4.80	**152**	70	130	QQQ48892.d
SA50002	S5A1335-CCV2	d-N-EtFOSA	ng/mL	1.71	2.50	**68.4**	70	130	QQQ48892.d
SA50002	S5A1335-CCV3	d5-N-EtFOSAA	ng/mL	6.60	5.00	**132**	70	130	QQQ48906.d
SA50002	S5A1335-CCV4	M2-6:2 FTS	ng/mL	3.17	4.76	**66.6**	70	130	QQQ48911.d
SA50002	S5A1460-CCV1	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**137**	70	130	QQQ48916.d
SA50002	S5A1460-CCV2	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**132**	70	130	QQQ48934.d
SA50002	S5A1460-CCV3	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.45	5.00	**69**	70	130	QQQ48948.d
SA50002	S5A1460-CCV3	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.2	12.5	**137**	70	130	QQQ48948.d
SA50002	S5A1460-CCV4	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**136**	70	130	QQQ48960.d
SA50002	S5A1460-CCV5	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/mL	3.23	2.40	**135**	70	130	QQQ48970.d

SA50002	S5A1460-CCV5	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.2	12.5	**138**	70	130	QQQ48970.d
SA50002	S5A1460-CCV6	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**133**	70	130	QQQ48988.d
SA50002	S5A1460-CCV7	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**133**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d5-N-EtFOSAA	ng/mL	6.56	5.00	**131**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	M2-8:2 FTS	ng/mL	7.77	4.80	**162**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d-N-MeFOSA	ng/mL	1.38	2.50	**55.1**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d-N-EtFOSA	ng/mL	1.23	2.50	**49.3**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d9-N-EtFOSE	ng/mL	11.6	25.0	**46.3**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d7-N-MeFOSE	ng/mL	14.9	25.0	**59.6**	70	130	QQQ49004.d
SA50002	S5A1460-CCV8	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/mL	3.19	2.40	**133**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	M2-6:2 FTS	ng/mL	2.26	4.76	**47.6**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	M2-4:2 FTS	ng/mL	2.20	4.69	**46.8**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	d9-N-EtFOSE	ng/mL	35.0	25.0	**140**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	d7-N-MeFOSE	ng/mL	40.4	25.0	**162**	70	130	QQQ49014.d
SA50002	S5A1460-CCV9	11CL-PF3OUdS	ng/mL	14.1	9.45	**149**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	9CL-PF3ONS	ng/mL	13.6	9.35	**145**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	ADONA	ng/mL	15.0	9.45	**159**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	N-EtFOSA	ng/mL	7.97	2.50	**319**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-6:2 FTS	ng/mL	1.72	4.76	**36.1**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-8:2 FTS	ng/mL	2.28	4.80	**47.6**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-4:2 FTS	ng/mL	1.33	4.69	**28.3**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M3HFPO-DA	ng/mL	6.85	10.0	**68.5**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	d9-N-EtFOSE	ng/mL	45.8	25.0	**183**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	d7-N-MeFOSE	ng/mL	53.5	25.0	**214**	70	130	QQQ49032.d
SA50002	S5A1460-CCVA	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.4	12.5	**148**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d-N-MeFOSA	ng/mL	1.59	2.50	**63.7**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d-N-EtFOSA	ng/mL	1.67	2.50	**66.6**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d5-NEtFOSA-EIS	ng/mL	2.50	2.50	**1630**	0	500	QQQ49040.d
SA50002	S5A1460-CCVB	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.45	5.00	**69**	70	130	QQQ49050.d
SA50002	S5A1460-CCVB	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.2	12.5	**146**	70	130	QQQ49050.d
SA50002	S5A1460-CCVC	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.9	12.5	**143**	70	130	QQQ49064.d
SA50002	S5A1460-CCVC	d5-N-EtFOSAA	ng/mL	7.20	5.00	**144**	70	130	QQQ49064.d
SA50002	S5A1460-CCVD	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.2	12.5	**146**	70	130	QQQ49075.d
SA50002	S5A1460-CCVE	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.9	12.5	**143**	70	130	QQQ49084.d
SA50002	S5A1460-CCVF	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.3	12.5	**138**	70	130	QQQ49096.d
SA50002	S5A1460-CCVG	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.4	12.5	**147**	70	130	QQQ49111.d
SA50002	S5A1460-CCVG	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	ng/mL	1.64	1.25	**131**	70	130	QQQ49111.d
SA50002	S5A1460-CCVH	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.7	12.5	**142**	70	130	QQQ49123.d

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The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50002	S5A1335	S5A1335-LCV1	Low Cal Check		QQQ48874.d
SA50002	S5A1335	S5A1335-CCB1	Calibration Blank		QQQ48878.d
SA50002	S5A1335	BA50519-BLK1	Blank		QQQ48879.d
SA50002	S5A1335	BA50519-BS1	LCS		QQQ48880.d
SA50002	S5A1335	BA50519-BS2	LCS		QQQ48881.d
SA50002	S5A1335	S5A1335-CCB2	Calibration Blank		QQQ48893.d
SA50002	S5A1335	BA50631-BLK1	Blank		QQQ48895.d
SA50002	S5A1335	BA50631-BS1	LCS		QQQ48896.d
SA50002	S5A1335	BA50631-BS2	LCS		QQQ48897.d
SA50002	S5A1335	S5A1335-CCB3	Calibration Blank		QQQ48907.d
SA50002	S5A1335	BA50650-BLK1	Blank		QQQ48908.d
SA50002	S5A1335	BA50650-BS1	LCS		QQQ48909.d
SA50002	S5A1460	S5A1460-LCV1	Low Cal Check		QQQ48915.d
SA50002	S5A1460	S5A1460-CCB1	Calibration Blank		QQQ48919.d
SA50002	S5A1460	BA50651-BLK1	Blank		QQQ48920.d
SA50002	S5A1460	BA50651-BS1	LCS		QQQ48921.d
SA50002	S5A1460	BA50651-BS2	LCS		QQQ48922.d
SA50002	S5A1460	BA50650-BS2	LCS		QQQ48923.d
SA50002	S5A1460	S5A1460-CCB2	Calibration Blank		QQQ48935.d
SA50002	S5A1460	25A0380-01	SB001 (O-2 IN)		QQQ48936.d
SA50002	S5A1460	25A0380-02	SB001(2 IN-24IN)		QQQ48937.d
SA50002	S5A1460	BA50519-MS1	Matrix Spike	SB001(2 IN-24IN)	QQQ48938.d
SA50002	S5A1460	BA50519-MSD1	Matrix Spike Dup	SB001(2 IN-24IN)	QQQ48939.d
SA50002	S5A1460	25A0380-03	SB001 (6-8 FT)		QQQ48940.d
SA50002	S5A1460	25A0380-04	SB002 (0-2IN)		QQQ48941.d
SA50002	S5A1460	25A0380-05	SB002 (2 IN -24 IN)		QQQ48942.d
SA50002	S5A1460	25A0380-06	SB002 (6 - 8 FT)		QQQ48943.d
SA50002	S5A1460	25A0380-07	SB003 (0- 2IN)		QQQ48944.d
SA50002	S5A1460	25A0380-08	SB003 (2 IN- 24IN)		QQQ48945.d
SA50002	S5A1460	25A0380-09	SB003 (6 - 8FT)		QQQ48946.d
SA50002	S5A1460	25A0380-10	SB00X		QQQ48947.d
SA50002	S5A1460	S5A1460-CCB3	Calibration Blank		QQQ48949.d
SA50002	S5A1460	25A0380-11	SB004 (0- 2IN)		QQQ48950.d
SA50002	S5A1460	25A0380-17	Field Blank 1/7/25		QQQ48958.d
SA50002	S5A1460	25A0380-18	Equipment Blank 1/7/		QQQ48959.d
SA50002	S5A1460	S5A1460-CCB4	Calibration Blank		QQQ48961.d
SA50002	S5A1460	S5A1460-CCB5	Calibration Blank		QQQ48971.d
SA50002	S5A1460	S5A1460-CCB6	Calibration Blank		QQQ48989.d
SA50002	S5A1460	25A0380-12	SB004 (2 IN-24 IN)		QQQ48996.d
SA50002	S5A1460	25A0380-13	SB004 (6- 8 FT)		QQQ48997.d
SA50002	S5A1460	25A0380-14	SB005 (0- 2IN)		QQQ48998.d
SA50002	S5A1460	25A0380-15	SB005 (2 IN-24 IN)		QQQ48999.d
SA50002	S5A1460	25A0380-16	SB005 (6- 8FT)		QQQ49000.d
SA50002	S5A1460	S5A1460-CCB7	Calibration Blank		QQQ49005.d
SA50002	S5A1460	S5A1460-CCB8	Calibration Blank		QQQ49017.d
SA50002	S5A1460	S5A1460-CCB9	Calibration Blank		QQQ49033.d
SA50002	S5A1460	S5A1460-CCBA	Calibration Blank		QQQ49041.d
SA50002	S5A1460	S5A1460-CCBB	Calibration Blank		QQQ49051.d

SA50002	S5A1460	S5A1460-CCBC	Calibration Blank	QQQ49065.d
SA50002	S5A1460	S5A1460-CCBD	Calibration Blank	QQQ49076.d
SA50002	S5A1460	S5A1460-CCBE	Calibration Blank	QQQ49085.d
SA50002	S5A1460	S5A1460-CCBF	Calibration Blank	QQQ49097.d
SA50002	S5A1460	S5A1460-CCBG	Calibration Blank	QQQ49112.d
SA50002	S5A1460	S5A1460-CCBH	Calibration Blank	QQQ49124.d

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Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
PFAS	BA50519	S5A1335	LCQQQ	BA50519-BLK1	QQQ48879.d
PFAS	BA50631	S5A1335	LCQQQ	BA50631-BLK1	QQQ48895.d
PFAS	BA50650	S5A1335	LCQQQ	BA50650-BLK1	QQQ48908.d
PFAS	BA50651	S5A1460	LCQQQ	BA50651-BLK1	QQQ48920.d

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1460	Blank	BA50651-BLK1	Soil	Taurodeoxycholic Acid (TDC	0.00		ug/kg wet
S5A1335	Blank	BA50650-BLK1	Water	Taurodeoxycholic Acid (TDC	0.00		ng/L
S5A1335	Blank	BA50631-BLK1	Soil	Taurodeoxycholic Acid (TDC	0.00		ug/kg wet
S5A1335	Blank	BA50519-BLK1	Soil	Taurodeoxycholic Acid (TDC	0.00		ug/kg wet
S5A1460	Blank	BA50651-BLK1	Soil	Taurochenodeoxycholic Aci	0.00		ug/kg wet
S5A1335	Blank	BA50650-BLK1	Water	Taurochenodeoxycholic Aci	0.00		ng/L
S5A1335	Blank	BA50631-BLK1	Soil	Taurochenodeoxycholic Aci	0.00		ug/kg wet
S5A1335	Blank	BA50519-BLK1	Soil	Taurochenodeoxycholic Aci	0.00		ug/kg wet
S5A1460	Blank	BA50651-BLK1	Soil	Tauroursodeoxycholic Acid (	0.00		ug/kg wet
S5A1335	Blank	BA50650-BLK1	Water	Tauroursodeoxycholic Acid (	0.00		ng/L
S5A1335	Blank	BA50631-BLK1	Soil	Tauroursodeoxycholic Acid (	0.00		ug/kg wet
S5A1335	Blank	BA50519-BLK1	Soil	Tauroursodeoxycholic Acid (	0.00		ug/kg wet

The following QC and or client samples had positive(s) in associated blanks:

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50002	5A1335	BA50519-BS1	LCS	QQQ48880.d
SA50002	5A1335	BA50519-BS2	LCS	QQQ48881.d
SA50002	5A1335	BA50631-BS1	LCS	QQQ48896.d
SA50002	5A1335	BA50631-BS2	LCS	QQQ48897.d
SA50002	5A1335	BA50650-BS1	LCS	QQQ48909.d
SA50002	5A1460	BA50650-BS2	LCS	QQQ48923.d
SA50002	5A1460	BA50651-BS1	LCS	QQQ48921.d
SA50002	5A1460	BA50651-BS2	LCS	QQQ48922.d

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1335	LCS	BA50519-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**11.6**		50 - 150	
S5A1335	LCS	BA50519-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**8.16**		50 - 150	
S5A1335	LCS	BA50519-BS2	Perfluoro-5-oxahexanoic acid (PFMBA)		**169**		50 - 150	
S5A1335	LCS	BA50519-BS2	3-Perfluoropropyl propanoic acid (FPrPA)		**41.7**		50 - 150	
S5A1335	LCS	BA50631-BS2	Perfluorododecanesulfonic acid (PFDoS)		**34**		50 - 150	
S5A1335	LCS	BA50650-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**12**		50 - 150	
S5A1460	LCS	BA50650-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**8.43**		50 - 150	

S5A1460	LCS	BA50651-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)	**13**	50	- 150
S5A1460	LCS	BA50651-BS2	Perfluoro-n-butanoic acid (PFBA)	**48.9**	50	- 150
S5A1460	LCS	BA50651-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)	**7.9**	50	- 150

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50519	25A0380-01	SB001 (O-2 IN)	
BA50519	25A0380-02	SB001(2 IN-24IN)	
BA50519	25A0380-03	SB001 (6-8 FT)	
BA50519	25A0380-04	SB002 (0-2IN)	
BA50519	25A0380-05	SB002 (2 IN -24 IN)	
BA50631	25A0380-06	SB002 (6 - 8 FT)	
BA50631	25A0380-07	SB003 (0- 2IN)	
BA50631	25A0380-08	SB003 (2 IN- 24IN)	
BA50631	25A0380-09	SB003 (6 - 8FT)	
BA50631	25A0380-10	SB00X	
BA50631	25A0380-11	SB004 (0- 2IN)	
BA50651	25A0380-12	SB004 (2 IN-24 IN)	
BA50651	25A0380-13	SB004 (6- 8 FT)	
BA50651	25A0380-14	SB005 (0- 2IN)	
BA50651	25A0380-15	SB005 (2 IN-24 IN)	
BA50651	25A0380-16	SB005 (6- 8FT)	
BA50650	25A0380-17	Field Blank 1/7/25	
BA50650	25A0380-18	Equipment Blank 1/7	
BA50519	BA50519-BLK1	Blank	
BA50519	BA50519-MS1	Matrix Spike	SB001(2 IN-24IN)
BA50519	BA50519-MSD1	Matrix Spike Dup	SB001(2 IN-24IN)
BA50631	BA50631-BLK1	Blank	
BA50650	BA50650-BLK1	Blank	
BA50651	BA50651-BLK1	Blank	
S5A1335	S5A1335-LCV1	Low Cal Check	
S5A1460	S5A1460-LCV1	Low Cal Check	

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PFAS	**SA50002**	BA50519	S5A1460	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50519-MS1
PFAS	**SA50002**	BA50519	S5A1460	SB001(2 IN-24IN)MSD1	25A0380-02	SB001(2 IN-24IN)	BA50519-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1460	SB001(2 IN-24IN)	BA50519-MS1	Perfluoro-4-oxapentanoic acid (PFMPA)	ug/kg dry		22.7		25 - 150	
S5A1460	SB001(2 IN-24IN)	BA50519-MS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	ug/kg dry		21.9		25 - 150	
S5A1460	SB001(2 IN-24IN)	BA50519-MSD1	Perfluorooctanesulfonic acid (PFOS)	ug/kg dry	146	408	73.8	25 - 150	35

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1460	SB001(2 IN-24IN)MSD1	25A0380-02	BA50519-MSD1	Perfluorooctanesulfonic acid (PFOS)	73.8	35	
S5A1460	SB001(2 IN-24IN)MSD1	25A0380-02	BA50519-MSD1	Perfluoro-4-oxapentanoic acid (PFMPA)	74.4	30	

Dilutions: No sample dilutions were required.

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Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues:

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3PFBA	123	1.2071
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFBA	138	1.3723
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFDA	121	8.9039
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFDA	119	8.8482
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFHxA	126	6.1963
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFHxA	134	6.2522
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFHxS	129	7.2051
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFHxS	137	7.1403
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFNA	112	8.3956
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFNA	123	8.3307
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFOA	105	7.7272
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFOA	119	7.7832
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFOS	123	8.4310
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFOS	125	8.3661
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	138	8.3303
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	125	8.3859
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	126	7.7267
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	134	7.7828
BA50631	LCQQQ	**SA50002**	SB002 (6 - 8 FT)	25A0380-06	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	23	0.0652
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	124	4.4867
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	43	-0.0192
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS2	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	35	-0.0284
BA50519	LCQQQ	**SA50002**	SB002 (2 IN -24 IN)	25A0380-05	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	19	0.0560
BA50650	LCQQQ	**SA50002**	Blank	BA50650-BLK1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	48	0.0276
BA50519	LCQQQ	**SA50002**	Blank	BA50519-BLK1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	25	0.0092
BA50631	LCQQQ	**SA50002**	SB003 (6 - 8FT)	25A0380-09	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	35	0.0744

S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	131	4.7180
BA50651	LCQQQ	**SA50002**	LCS	BA50651-BS2	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	48	0.0000
BA50650	LCQQQ	**SA50002**	LCS	BA50650-BS2	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	47	0.0092
BA50519	LCQQQ	**SA50002**	SB001(2 IN-24IN)	25A0380-02	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	37	0.0551
BA50650	LCQQQ	**SA50002**	Equipment Blank 1/7/25	25A0380-18	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0184
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	117	1.2048
BA50651	LCQQQ	**SA50002**	LCS	BA50651-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.0092
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0551
BA50651	LCQQQ	**SA50002**	Blank	BA50651-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.0184
BA50519	LCQQQ	**SA50002**	Matrix Spike Dup	BA50519-MSD1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	47	0.0459
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	120	1.3701
BA50650	LCQQQ	**SA50002**	LCS	BA50650-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.1836
BA50519	LCQQQ	**SA50002**	Blank	BA50519-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	-0.0367
BA50631	LCQQQ	**SA50002**	SB003 (2 IN- 24IN)	25A0380-08	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	8	0.0643
BA50631	LCQQQ	**SA50002**	SB003 (6 - 8FT)	25A0380-09	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0734
BA50519	LCQQQ	**SA50002**	Matrix Spike	BA50519-MS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	15	0.0367
BA50651	LCQQQ	**SA50002**	SB005 (6- 8FT)	25A0380-16	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	4	-0.0276
BA50651	LCQQQ	**SA50002**	SB005 (2 IN-24 IN)	25A0380-15	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	-0.0367
BA50631	LCQQQ	**SA50002**	SB003 (0- 2IN)	25A0380-07	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	21	0.0734
BA50651	LCQQQ	**SA50002**	LCS	BA50651-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0184

BA50650	LCQQQ	**SA50002**	Field Blank 1/7/25	25A0380-17	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0092
BA50651	LCQQQ	**SA50002**	SB004 (2 IN-24 IN)	25A0380-12	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0276
BA50519	LCQQQ	**SA50002**	SB002 (2 IN -24 IN)	25A0380-05	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0551
BA50631	LCQQQ	**SA50002**	SB002 (6 - 8 FT)	25A0380-06	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0642
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0551
BA50650	LCQQQ	**SA50002**	LCS	BA50650-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0092
BA50631	LCQQQ	**SA50002**	Blank	BA50631-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	16	0.0367
BA50651	LCQQQ	**SA50002**	SB004 (6- 8 FT)	25A0380-13	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	-0.0459
BA50519	LCQQQ	**SA50002**	SB001 (O-2 IN)	25A0380-01	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	24	0.0275
BA50651	LCQQQ	**SA50002**	SB005 (0- 2IN)	25A0380-14	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	-0.0184
BA50650	LCQQQ	**SA50002**	Blank	BA50650-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0184
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	138	9.6517
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	94	9.7072
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	143	8.3655
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	149	8.4211
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	131	9.3887
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	122	9.4258
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M7PFUdA-EIS	117	9.3392
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M7PFUdA-EIS	115	9.2825
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	M7PFUdA-EIS	48	-0.1392
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M6PFDA-EIS	134	8.8478
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M6PFDA-EIS	145	8.9035
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M5PFHxA-EIS	124	6.1953
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M5PFHxA-EIS	117	6.2513
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M4PFHpA-EIS	125	7.0311

S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M4PFHpA-EIS	112	7.0959
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFHxS-EIS	132	7.1408
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3PFHxS-EIS	127	7.2055
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3PFBS-EIS	123	5.3810
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFBS-EIS	122	5.4086
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3-HFPO-DA-EIS	123	6.5502
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3-HFPO-DA-EIS	133	6.4853
BA50651	LCQQQ	**SA50002**	SB004 (6- 8 FT)	25A0380-13	M2PFTeDA-EIS	48	0.0829
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2PFTeDA-EIS	124	10.2579
BA50519	LCQQQ	**SA50002**	Matrix Spike	BA50519-MS1	M2PFTeDA-EIS	36	0.0000
BA50519	LCQQQ	**SA50002**	Blank	BA50519-BLK1	M2PFTeDA-EIS	38	0.0092
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	M2PFTeDA-EIS	48	-0.0368
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2PFTeDA-EIS	91	10.3132
BA50651	LCQQQ	**SA50002**	SB005 (2 IN-24 IN)	25A0380-15	M2PFTeDA-EIS	43	0.0829
BA50651	LCQQQ	**SA50002**	SB005 (6- 8FT)	25A0380-16	M2PFTeDA-EIS	49	0.0921
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS1	M2PFTeDA-EIS	49	0.0092
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-8-2FTS-EIS	98	8.8184
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	M2-8-2FTS-EIS	45	-0.1671
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2-8-2FTS-EIS	152	8.8657
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2-6-2FTS-EIS	155	7.7258
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-6-2FTS-EIS	119	7.6703
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-4-2FTS-EIS	116	6.1289
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2-4-2FTS-EIS	138	6.1757
BA50631	LCQQQ	**SA50002**	Blank	BA50631-BLK1	d9-NEtFOSE-EIS	27	0.0369
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d9-NEtFOSE-EIS	139	10.3162
BA50519	LCQQQ	**SA50002**	Blank	BA50519-BLK1	d9-NEtFOSE-EIS	40	0.0184
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d9-NEtFOSE-EIS	82	10.3899
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS2	d9-NEtFOSE-EIS	48	0.0276
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	d9-NEtFOSE-EIS	40	-0.0276
BA50651	LCQQQ	**SA50002**	SB005 (6- 8FT)	25A0380-16	d9-NEtFOSE-EIS	38	0.1198
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS1	d9-NEtFOSE-EIS	48	0.0276
BA50651	LCQQQ	**SA50002**	SB005 (2 IN-24 IN)	25A0380-15	d9-NEtFOSE-EIS	41	0.1105
BA50651	LCQQQ	**SA50002**	SB005 (0- 2IN)	25A0380-14	d9-NEtFOSE-EIS	42	0.0553
BA50651	LCQQQ	**SA50002**	SB004 (6- 8 FT)	25A0380-13	d9-NEtFOSE-EIS	41	0.1013
BA50651	LCQQQ	**SA50002**	SB004 (2 IN-24 IN)	25A0380-12	d9-NEtFOSE-EIS	49	0.0737
BA50519	LCQQQ	**SA50002**	Matrix Spike	BA50519-MS1	d7-NMeFOSE-EIS	39	0.0000
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	d7-NMeFOSE-EIS	38	-0.0461
BA50631	LCQQQ	**SA50002**	Blank	BA50631-BLK1	d7-NMeFOSE-EIS	43	0.0276
BA50631	LCQQQ	**SA50002**	SB003 (2 IN- 24IN)	25A0380-08	d7-NMeFOSE-EIS	48	0.0092
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS2	d7-NMeFOSE-EIS	45	0.0276
BA50651	LCQQQ	**SA50002**	SB004 (6- 8 FT)	25A0380-13	d7-NMeFOSE-EIS	46	0.1105
BA50651	LCQQQ	**SA50002**	SB005 (6- 8FT)	25A0380-16	d7-NMeFOSE-EIS	35	0.1197
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS1	d7-NMeFOSE-EIS	49	0.0276
BA50651	LCQQQ	**SA50002**	SB005 (2 IN-24 IN)	25A0380-15	d7-NMeFOSE-EIS	27	0.1105
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d7-NMeFOSE-EIS	76	10.1508
BA50519	LCQQQ	**SA50002**	Blank	BA50519-BLK1	d7-NMeFOSE-EIS	38	0.0276
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d7-NMeFOSE-EIS	123	10.0771
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS2	d5-NEtFOSA-EIS	38	0.0368
BA50519	LCQQQ	**SA50002**	Blank	BA50519-BLK1	d5-NEtFOSA-EIS	27	0.0276

BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS1	d5-NEtFOSA-EIS	39	0.0368
BA50651	LCQQQ	**SA50002**	SB005 (2 IN-24 IN)	25A0380-15	d5-NEtFOSA-EIS	34	0.1013
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d5-NEtFOSA-EIS	119	10.3556
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d5-NEtFOSA-EIS	74	10.4293
BA50651	LCQQQ	**SA50002**	SB005 (6- 8FT)	25A0380-16	d5-NEtFOSA-EIS	30	0.1106
BA50651	LCQQQ	**SA50002**	SB005 (0- 2IN)	25A0380-14	d5-NEtFOSA-EIS	37	0.0461
BA50651	LCQQQ	**SA50002**	SB004 (6- 8 FT)	25A0380-13	d5-NEtFOSA-EIS	43	0.0921
BA50631	LCQQQ	**SA50002**	Blank	BA50631-BLK1	d5-NEtFOSA-EIS	33	0.0362
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	d5-NEtFOSA-EIS	37	-0.0184
BA50651	LCQQQ	**SA50002**	SB004 (2 IN-24 IN)	25A0380-12	d5-NEtFOSA-EIS	40	0.0645
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d5-N-EtFOSAA-EIS	126	9.2722
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d5-N-EtFOSAA-EIS	129	9.3190
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d3-NMeFOSA-EIS	65	10.1827
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	d3-NMeFOSA-EIS	34	-0.0553
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d3-NMeFOSA-EIS	124	10.1091
BA50651	LCQQQ	**SA50002**	SB005 (6- 8FT)	25A0380-16	d3-NMeFOSA-EIS	41	0.1199
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS1	d3-NMeFOSA-EIS	32	0.0276
BA50651	LCQQQ	**SA50002**	SB005 (2 IN-24 IN)	25A0380-15	d3-NMeFOSA-EIS	39	0.1106
BA50631	LCQQQ	**SA50002**	Blank	BA50631-BLK1	d3-NMeFOSA-EIS	46	0.0369
BA50519	LCQQQ	**SA50002**	Blank	BA50519-BLK1	d3-NMeFOSA-EIS	25	0.0276
BA50519	LCQQQ	**SA50002**	LCS	BA50519-BS2	d3-NMeFOSA-EIS	35	0.0276
BA50631	LCQQQ	**SA50002**	LCS	BA50631-BS1	d3-NMeFOSA-EIS	49	0.0276
BA50519	LCQQQ	**SA50002**	SB001 (6-8 FT)	25A0380-03	d3-N-MeFOSAA-EIS	49	-0.1584
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d3-N-MeFOSAA-EIS	117	9.0502
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d3-N-MeFOSAA-EIS	123	9.1060

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50002	Blank	BA50519-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.84**	25 - 150
SA50002	LCS	BA50519-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**5.68**	25 - 150
SA50002	LCS	BA50519-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.17**	25 - 150
SA50002	Matrix Spike	BA50519-MS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**21.9**	25 - 150
SA50002	SB002 (2 IN -24 IN)	25A0380-05	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.08**	25 - 150
SA50002	SB002 (2 IN -24 IN)	25A0380-05	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	**22.7**	25 - 150
SA50002	Blank	BA50631-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**23.6**	25 - 150
SA50002	LCS	BA50631-BS1	d5-N-EtFOSAA	**153**	25 - 150
SA50002	LCS	BA50631-BS1	M2-8:2 FTS	**218**	25 - 200
SA50002	SB002 (6 - 8 FT)	25A0380-06	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**1.25**	25 - 150
SA50002	SB003 (2 IN- 24IN)	25A0380-08	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**11.6**	25 - 150
SA50002	SB003 (6 - 8FT)	25A0380-09	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**1.33**	25 - 150
SA50002	LCS	BA50650-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.1**	25 - 150

SA50002	Blank	BA50650-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.41**	25 - 150
SA50002	LCS	BA50650-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.82**	25 - 150
SA50002	Field Blank 1/7/25	25A0380-17	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.88**	25 - 150
SA50002	Equipment Blank 1/7/25	25A0380-18	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.6**	25 - 150
SA50002	Blank	BA50651-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.36**	25 - 150
SA50002	LCS	BA50651-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.82**	25 - 150
SA50002	LCS	BA50651-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.05**	25 - 150
SA50002	SB004 (2 IN-24 IN)	25A0380-12	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.66**	25 - 150
SA50002	SB004 (6- 8 FT)	25A0380-13	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.17**	25 - 150
SA50002	SB005 (0- 2IN)	25A0380-14	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.58**	25 - 150
SA50002	SB005 (2 IN-24 IN)	25A0380-15	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.3**	25 - 150
SA50002	SB005 (6- 8FT)	25A0380-16	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**5.59**	25 - 150
SA50002	Calibration Check	S5A1335-CCV2	d5-N-EtFOSAA	**132**	70 - 130
SA50002	Calibration Check	S5A1335-CCV2	M2-8:2 FTS	**152**	70 - 130
SA50002	Calibration Check	S5A1335-CCV2	d-N-EtFOSA	**68.4**	70 - 130
SA50002	Calibration Check	S5A1335-CCV3	d5-N-EtFOSAA	**132**	70 - 130
SA50002	Calibration Check	S5A1335-CCV4	M2-6:2 FTS	**66.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d5-N-EtFOSAA	**131**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	M2-8:2 FTS	**162**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d-N-MeFOSA	**55.1**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d-N-EtFOSA	**49.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d9-N-EtFOSE	**46.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d7-N-MeFOSE	**59.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	M2-6:2 FTS	**47.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	M2-4:2 FTS	**46.8**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	d9-N-EtFOSE	**140**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	d7-N-MeFOSE	**162**	70 - 130
SA50002	Calibration Blank	S5A1460-CCB8	d9-N-EtFOSE	**165**	25 - 150
SA50002	Calibration Blank	S5A1460-CCB8	d7-N-MeFOSE	**162**	25 - 150
SA50002	Calibration Check	S5A1460-CCV9	M2-6:2 FTS	**36.1**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M2-8:2 FTS	**47.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M2-4:2 FTS	**28.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M3HFPO-DA	**68.5**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	d9-N-EtFOSE	**183**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	d7-N-MeFOSE	**214**	70 - 130
SA50002	Calibration Blank	S5A1460-CCB9	d9-N-EtFOSE	**217**	25 - 150
SA50002	Calibration Blank	S5A1460-CCB9	d7-N-MeFOSE	**224**	25 - 150
SA50002	Calibration Check	S5A1460-CCVA	d-N-MeFOSA	**63.7**	70 - 130
SA50002	Calibration Check	S5A1460-CCVA	d-N-EtFOSA	**66.6**	70 - 130

SA50002	Calibration Check	S5A1460-CCVC	d5-N-EtFOSAA	**144**	70 - 130
SA50002	Calibration Check	S5A1460-CCVG	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	**131**	70 - 130

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50012

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50012	S5A0830	S5A0830	Performance Mix	S5A0830-PEM1	GC_5890_I	P20526730.d
SA50012	S5A0830	S5A0830	Secondary Cal Check	S5A0830-SCV1	GC_5890_I	P20526744.d
SA50012	S5A1012	S5A1012	Performance Mix	S5A1012-PEM1	GC_5890_I	P20526821.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV2	GC_5890_I	P20526824.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV3	GC_5890_I	P20526825.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV1	GC_5890_I	P20526826.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV4	GC_5890_I	P20526832.d
SA50012	S5A1012	S5A1012	Performance Mix	S5A1012-PEM2	GC_5890_I	P20526833.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV5	GC_5890_I	P20526845.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV6	GC_5890_I	P20526857.d
SA50012	BA50563	S5A1012	Blank	BA50563-BLK1	GC_5890_I	P20526867.d
SA50012	BA50563	S5A1012	LCS	BA50563-BS1	GC_5890_I	P20526868.d
SA50012	BA50563	S5A1012	LCS Dup	BA50563-BSD1	GC_5890_I	P20526869.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV7	GC_5890_I	P20526870.d
SA50012	S5A1310	S5A1310	Performance Mix	S5A1310-PEM1	GC_5890_I	P20526873.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV2	GC_5890_I	P20526876.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV3	GC_5890_I	P20526877.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV1	GC_5890_I	P20526879.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV4	GC_5890_I	P20526891.d
SA50012	BA50627	S5A1310	SB001 (6-8 FT)	25A0380-03	GC_5890_I	P20526896.d
SA50012	BA50627	S5A1310	SB002 (0-2IN)	25A0380-04	GC_5890_I	P20526897.d
SA50012	BA50627	S5A1310	SB002 (2 IN -24 IN)	25A0380-05	GC_5890_I	P20526898.d
SA50012	BA50627	S5A1310	SB002 (6 - 8 FT)	25A0380-06	GC_5890_I	P20526899.d
SA50012	BA50627	S5A1310	SB003 (0- 2IN)	25A0380-07	GC_5890_I	P20526900.d
SA50012	BA50627	S5A1310	SB003 (2 IN- 24IN)	25A0380-08	GC_5890_I	P20526901.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV5	GC_5890_I	P20526903.d
SA50012	BA50627	S5A1310	SB003 (6 - 8FT)	25A0380-09	GC_5890_I	P20526905.d
SA50012	BA50627	S5A1310	SB00X	25A0380-10	GC_5890_I	P20526906.d
SA50012	BA50627	S5A1310	SB004 (0- 2IN)	25A0380-11	GC_5890_I	P20526907.d
SA50012	BA50627	S5A1310	SB004 (2 IN-24 IN)	25A0380-12	GC_5890_I	P20526908.d
SA50012	BA50627	S5A1310	SB004 (6- 8 FT)	25A0380-13	GC_5890_I	P20526909.d
SA50012	BA50627	S5A1310	SB005 (0- 2IN)	25A0380-14	GC_5890_I	P20526910.d
SA50012	BA50627	S5A1310	SB005 (2 IN-24 IN)	25A0380-15	GC_5890_I	P20526911.d
SA50012	BA50627	S5A1310	SB005 (6- 8FT)	25A0380-16	GC_5890_I	P20526912.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV6	GC_5890_I	P20526916.d
SA50012	BA50627	S5A1310	Blank	BA50627-BLK1	GC_5890_I	P20526924.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV7	GC_5890_I	P20526928.d
SA50012	S5A1310	S5A1310	Performance Mix	S5A1310-PEM3	GC_5890_I	P20526929.d

4.0 Analysis Issues

SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV8	GC_5890_I	P20526941.d
SA50012	S5A1310	S5A1310	Calibration Check	S5A1310-CCV9	GC_5890_I	P20526948.d

Initial calibration for EPA 8081B met method guidelines.

York Analytical Work Order Narrative

EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50012	S5A1012	S5A1012-CCV1	P20526826.d	01/10/25 09:53
SA50012	S5A1012	S5A1012-CCV2	P20526824.d	01/10/25 08:43
SA50012	S5A1012	S5A1012-CCV3	P20526825.d	01/10/25 09:32
SA50012	S5A1012	S5A1012-CCV4	P20526832.d	01/10/25 11:39
SA50012	S5A1012	S5A1012-CCV5	P20526845.d	01/10/25 19:55
SA50012	S5A1012	S5A1012-CCV6	P20526857.d	01/10/25 23:00
SA50012	S5A1012	S5A1012-CCV7	P20526870.d	01/11/25 02:21
SA50012	S5A1310	S5A1310-CCV1	P20526879.d	01/12/25 13:22
SA50012	S5A1310	S5A1310-CCV2	P20526876.d	01/12/25 11:18
SA50012	S5A1310	S5A1310-CCV3	P20526877.d	01/12/25 11:33
SA50012	S5A1310	S5A1310-CCV4	P20526891.d	01/12/25 16:37
SA50012	S5A1310	S5A1310-CCV5	P20526903.d	01/12/25 19:42
SA50012	S5A1310	S5A1310-CCV6	P20526916.d	01/12/25 23:04
SA50012	S5A1310	S5A1310-CCV7	P20526928.d	01/13/25 02:10
SA50012	S5A1310	S5A1310-CCV8	P20526941.d	01/13/25 05:31
SA50012	S5A1310	S5A1310-CCV9	P20526948.d	01/13/25 07:20

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SA50012	S5A1012-CCV1	4,4'-DDD [2C]	ng/mL	54.7	50.0	**109**		P20526826.d
SA50012	S5A1012-CCV1	4,4'-DDE [2C]	ng/mL	55.6	50.0	**111**		P20526826.d
SA50012	S5A1012-CCV1	4,4'-DDT [2C]	ng/mL	57.5	50.0	**115**		P20526826.d
SA50012	S5A1012-CCV1	Aldrin [2C]	ng/mL	56.7	50.0	**113**		P20526826.d
SA50012	S5A1012-CCV1	alpha-BHC [2C]	ng/mL	56.1	50.0	**112**		P20526826.d
SA50012	S5A1012-CCV1	alpha-Chlordane [2C]	ng/mL	56.0	50.0	**112**		P20526826.d
SA50012	S5A1012-CCV1	beta-BHC [2C]	ng/mL	57.2	50.0	**114**		P20526826.d
SA50012	S5A1012-CCV1	delta-BHC [2C]	ng/mL	58.8	50.0	**118**		P20526826.d
SA50012	S5A1012-CCV1	Endosulfan I [2C]	ng/mL	54.7	50.0	**109**		P20526826.d
SA50012	S5A1012-CCV1	Endosulfan II [2C]	ng/mL	54.6	50.0	**109**		P20526826.d
SA50012	S5A1012-CCV1	Endosulfan sulfate [2C]	ng/mL	56.5	50.0	**113**		P20526826.d
SA50012	S5A1012-CCV1	Endrin [2C]	ng/mL	58.6	50.0	**117**		P20526826.d
SA50012	S5A1012-CCV1	Endrin aldehyde [2C]	ng/mL	53.6	50.0	**107**		P20526826.d
SA50012	S5A1012-CCV1	Endrin ketone [2C]	ng/mL	53.6	50.0	**107**		P20526826.d
SA50012	S5A1012-CCV1	gamma-BHC (Lindane) [2C]	ng/mL	56.0	50.0	**112**		P20526826.d
SA50012	S5A1012-CCV1	gamma-Chlordane [2C]	ng/mL	56.1	50.0	**112**		P20526826.d
SA50012	S5A1012-CCV1	Heptachlor [2C]	ng/mL	57.2	50.0	**114**		P20526826.d
SA50012	S5A1012-CCV1	Heptachlor epoxide [2C]	ng/mL	55.0	50.0	**110**		P20526826.d
SA50012	S5A1012-CCV1	Methoxychlor [2C]	ng/mL	58.9	50.0	**118**		P20526826.d
SA50012	S5A1012-CCV1	Decachlorobiphenyl	ng/mL	114	160	**71.5**	80 120	P20526826.d
SA50012	S5A1012-CCV1	Decachlorobiphenyl [2C]	ng/mL	116	160	**72.5**		P20526826.d
SA50012	S5A1012-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	136	160	**84.9**		P20526826.d
SA50012	S5A1012-CCV2	Chlordane, total	ng/mL	1330	1000	**133**	80 120	P20526824.d

SA50012	S5A1012-CCV3	Toxaphene	ng/mL	3190	2000	**160**	80	120	P20526825.d
SA50012	S5A1012-CCV3	Toxaphene [2C]	ng/mL	2180	2000	**109**			P20526825.d
SA50012	S5A1012-CCV4	4,4'-DDD [2C]	ng/mL	54.3	50.0	**109**			P20526832.d
SA50012	S5A1012-CCV4	4,4'-DDE [2C]	ng/mL	52.3	50.0	**105**			P20526832.d
SA50012	S5A1012-CCV4	4,4'-DDT [2C]	ng/mL	56.8	50.0	**114**			P20526832.d
SA50012	S5A1012-CCV4	Aldrin [2C]	ng/mL	55.9	50.0	**112**			P20526832.d
SA50012	S5A1012-CCV4	alpha-BHC [2C]	ng/mL	55.1	50.0	**110**			P20526832.d
SA50012	S5A1012-CCV4	alpha-Chlordane [2C]	ng/mL	54.6	50.0	**109**			P20526832.d
SA50012	S5A1012-CCV4	beta-BHC [2C]	ng/mL	55.1	50.0	**110**			P20526832.d
SA50012	S5A1012-CCV4	delta-BHC [2C]	ng/mL	55.7	50.0	**111**			P20526832.d
SA50012	S5A1012-CCV4	Endosulfan I [2C]	ng/mL	53.2	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Endosulfan II [2C]	ng/mL	53.0	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Endosulfan sulfate [2C]	ng/mL	57.7	50.0	**115**			P20526832.d
SA50012	S5A1012-CCV4	Endrin [2C]	ng/mL	55.2	50.0	**110**			P20526832.d
SA50012	S5A1012-CCV4	Endrin aldehyde [2C]	ng/mL	53.0	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Endrin ketone [2C]	ng/mL	51.8	50.0	**104**			P20526832.d
SA50012	S5A1012-CCV4	gamma-BHC (Lindane) [2C]	ng/mL	55.6	50.0	**111**			P20526832.d
SA50012	S5A1012-CCV4	gamma-Chlordane [2C]	ng/mL	55.2	50.0	**110**			P20526832.d
SA50012	S5A1012-CCV4	Heptachlor [2C]	ng/mL	55.4	50.0	**111**			P20526832.d
SA50012	S5A1012-CCV4	Heptachlor epoxide [2C]	ng/mL	52.9	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Methoxychlor [2C]	ng/mL	59.6	50.0	**119**			P20526832.d
SA50012	S5A1012-CCV4	Decachlorobiphenyl	ng/mL	122	160	**76.2**	80	120	P20526832.d
SA50012	S5A1012-CCV4	Decachlorobiphenyl [2C]	ng/mL	118	160	**73.9**			P20526832.d
SA50012	S5A1012-CCV4	Tetrachloro-m-xylene [2C]	ng/mL	131	160	**82.1**			P20526832.d
SA50012	S5A1012-CCV5	4,4'-DDD [2C]	ng/mL	58.9	50.0	**118**			P20526845.d
SA50012	S5A1012-CCV5	4,4'-DDE [2C]	ng/mL	52.4	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	4,4'-DDT [2C]	ng/mL	43.4	50.0	**86.7**			P20526845.d
SA50012	S5A1012-CCV5	Aldrin [2C]	ng/mL	52.8	50.0	**106**			P20526845.d
SA50012	S5A1012-CCV5	alpha-BHC [2C]	ng/mL	53.1	50.0	**106**			P20526845.d
SA50012	S5A1012-CCV5	alpha-Chlordane [2C]	ng/mL	52.3	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	beta-BHC [2C]	ng/mL	52.2	50.0	**104**			P20526845.d
SA50012	S5A1012-CCV5	delta-BHC [2C]	ng/mL	51.3	50.0	**103**			P20526845.d
SA50012	S5A1012-CCV5	Endosulfan I [2C]	ng/mL	52.3	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	Endosulfan II [2C]	ng/mL	52.7	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	Endosulfan sulfate [2C]	ng/mL	55.3	50.0	**111**			P20526845.d
SA50012	S5A1012-CCV5	Endrin [2C]	ng/mL	50.1	50.0	**100**			P20526845.d
SA50012	S5A1012-CCV5	Endrin aldehyde [2C]	ng/mL	55.0	50.0	**110**			P20526845.d
SA50012	S5A1012-CCV5	Endrin ketone [2C]	ng/mL	55.5	50.0	**111**			P20526845.d
SA50012	S5A1012-CCV5	gamma-BHC (Lindane) [2C]	ng/mL	53.4	50.0	**107**			P20526845.d
SA50012	S5A1012-CCV5	gamma-Chlordane [2C]	ng/mL	52.6	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	Heptachlor [2C]	ng/mL	50.9	50.0	**102**			P20526845.d
SA50012	S5A1012-CCV5	Heptachlor epoxide [2C]	ng/mL	51.9	50.0	**104**			P20526845.d
SA50012	S5A1012-CCV5	Methoxychlor [2C]	ng/mL	50.4	50.0	**101**			P20526845.d
SA50012	S5A1012-CCV5	Decachlorobiphenyl	ng/mL	120	160	**75**	80	120	P20526845.d
SA50012	S5A1012-CCV5	Decachlorobiphenyl [2C]	ng/mL	113	160	**70.7**			P20526845.d
SA50012	S5A1012-CCV5	Tetrachloro-m-xylene [2C]	ng/mL	128	160	**80.2**			P20526845.d
SA50012	S5A1012-CCV6	4,4'-DDD [2C]	ng/mL	59.2	50.0	**118**			P20526857.d
SA50012	S5A1012-CCV6	4,4'-DDE [2C]	ng/mL	52.3	50.0	**105**			P20526857.d
SA50012	S5A1012-CCV6	4,4'-DDT [2C]	ng/mL	43.5	50.0	**87.1**			P20526857.d

SA50012	S5A1012-CCV6	Aldrin [2C]	ng/mL	53.3	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	alpha-BHC [2C]	ng/mL	53.1	50.0	**106**			P20526857.d
SA50012	S5A1012-CCV6	alpha-Chlordane [2C]	ng/mL	53.1	50.0	**106**			P20526857.d
SA50012	S5A1012-CCV6	beta-BHC [2C]	ng/mL	52.1	50.0	**104**			P20526857.d
SA50012	S5A1012-CCV6	delta-BHC [2C]	ng/mL	50.4	50.0	**101**			P20526857.d
SA50012	S5A1012-CCV6	Endosulfan I [2C]	ng/mL	53.0	50.0	**106**			P20526857.d
SA50012	S5A1012-CCV6	Endosulfan II [2C]	ng/mL	53.3	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	Endosulfan sulfate [2C]	ng/mL	54.3	50.0	**109**			P20526857.d
SA50012	S5A1012-CCV6	Endrin [2C]	ng/mL	46.4	50.0	**92.8**			P20526857.d
SA50012	S5A1012-CCV6	Endrin aldehyde [2C]	ng/mL	57.3	50.0	**115**			P20526857.d
SA50012	S5A1012-CCV6	Endrin ketone [2C]	ng/mL	56.7	50.0	**113**			P20526857.d
SA50012	S5A1012-CCV6	gamma-BHC (Lindane) [2C]	ng/mL	53.6	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	gamma-Chlordane [2C]	ng/mL	53.4	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	Heptachlor [2C]	ng/mL	51.0	50.0	**102**			P20526857.d
SA50012	S5A1012-CCV6	Heptachlor epoxide [2C]	ng/mL	52.2	50.0	**104**			P20526857.d
SA50012	S5A1012-CCV6	Methoxychlor [2C]	ng/mL	50.4	50.0	**101**			P20526857.d
SA50012	S5A1012-CCV6	Decachlorobiphenyl	ng/mL	121	160	**75.4**	80	120	P20526857.d
SA50012	S5A1012-CCV6	Decachlorobiphenyl [2C]	ng/mL	117	160	**73**			P20526857.d
SA50012	S5A1012-CCV6	Tetrachloro-m-xylene [2C]	ng/mL	129	160	**80.3**			P20526857.d
SA50012	S5A1012-CCV7	4,4'-DDD [2C]	ng/mL	61.7	50.0	**123**			P20526870.d
SA50012	S5A1012-CCV7	4,4'-DDE [2C]	ng/mL	54.2	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	4,4'-DDT [2C]	ng/mL	44.6	50.0	**89.1**			P20526870.d
SA50012	S5A1012-CCV7	Aldrin [2C]	ng/mL	54.2	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	alpha-BHC [2C]	ng/mL	53.7	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	alpha-Chlordane [2C]	ng/mL	53.7	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	beta-BHC [2C]	ng/mL	53.3	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	delta-BHC [2C]	ng/mL	52.8	50.0	**106**			P20526870.d
SA50012	S5A1012-CCV7	Endosulfan I [2C]	ng/mL	54.2	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	Endosulfan II [2C]	ng/mL	55.6	50.0	**111**			P20526870.d
SA50012	S5A1012-CCV7	Endosulfan sulfate [2C]	ng/mL	57.7	50.0	**115**			P20526870.d
SA50012	S5A1012-CCV7	Endrin [2C]	ng/mL	45.1	50.0	**90.1**			P20526870.d
SA50012	S5A1012-CCV7	Endrin aldehyde [2C]	ng/mL	61.2	50.0	**122**			P20526870.d
SA50012	S5A1012-CCV7	Endrin ketone [2C]	ng/mL	58.9	50.0	**118**			P20526870.d
SA50012	S5A1012-CCV7	gamma-BHC (Lindane) [2C]	ng/mL	53.8	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	gamma-Chlordane [2C]	ng/mL	53.8	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	Heptachlor [2C]	ng/mL	50.7	50.0	**101**			P20526870.d
SA50012	S5A1012-CCV7	Heptachlor epoxide [2C]	ng/mL	53.4	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	Methoxychlor [2C]	ng/mL	52.7	50.0	**105**			P20526870.d
SA50012	S5A1012-CCV7	Decachlorobiphenyl	ng/mL	119	160	**74.2**	80	120	P20526870.d
SA50012	S5A1012-CCV7	Decachlorobiphenyl [2C]	ng/mL	117	160	**73.2**			P20526870.d
SA50012	S5A1012-CCV7	Tetrachloro-m-xylene [2C]	ng/mL	128	160	**80.2**			P20526870.d
SA50012	S5A1310-CCV1	4,4'-DDD [2C]	ng/mL	57.4	50.0	**115**			P20526879.d
SA50012	S5A1310-CCV1	4,4'-DDE [2C]	ng/mL	55.1	50.0	**110**			P20526879.d
SA50012	S5A1310-CCV1	4,4'-DDT [2C]	ng/mL	63.1	50.0	**126**			P20526879.d
SA50012	S5A1310-CCV1	Aldrin [2C]	ng/mL	55.1	50.0	**110**			P20526879.d
SA50012	S5A1310-CCV1	alpha-BHC [2C]	ng/mL	55.3	50.0	**111**			P20526879.d
SA50012	S5A1310-CCV1	alpha-Chlordane [2C]	ng/mL	56.0	50.0	**112**			P20526879.d
SA50012	S5A1310-CCV1	beta-BHC [2C]	ng/mL	56.8	50.0	**114**			P20526879.d
SA50012	S5A1310-CCV1	delta-BHC [2C]	ng/mL	55.9	50.0	**112**			P20526879.d

SA50012	S5A1310-CCV1	Endosulfan I [2C]	ng/mL	55.9	50.0	**112**			P20526879.d
SA50012	S5A1310-CCV1	Endosulfan II [2C]	ng/mL	55.3	50.0	**111**			P20526879.d
SA50012	S5A1310-CCV1	Endosulfan sulfate [2C]	ng/mL	57.3	50.0	**115**			P20526879.d
SA50012	S5A1310-CCV1	Endrin [2C]	ng/mL	62.2	50.0	**124**			P20526879.d
SA50012	S5A1310-CCV1	Endrin aldehyde [2C]	ng/mL	54.6	50.0	**109**			P20526879.d
SA50012	S5A1310-CCV1	Endrin ketone [2C]	ng/mL	55.7	50.0	**111**			P20526879.d
SA50012	S5A1310-CCV1	gamma-BHC (Lindane) [2C]	ng/mL	56.5	50.0	**113**			P20526879.d
SA50012	S5A1310-CCV1	gamma-Chlordane [2C]	ng/mL	56.0	50.0	**112**			P20526879.d
SA50012	S5A1310-CCV1	Heptachlor [2C]	ng/mL	57.4	50.0	**115**			P20526879.d
SA50012	S5A1310-CCV1	Heptachlor epoxide [2C]	ng/mL	55.9	50.0	**112**			P20526879.d
SA50012	S5A1310-CCV1	Methoxychlor [2C]	ng/mL	65.4	50.0	**131**			P20526879.d
SA50012	S5A1310-CCV1	Decachlorobiphenyl	ng/mL	121	160	**75.7**	80	120	P20526879.d
SA50012	S5A1310-CCV1	Decachlorobiphenyl [2C]	ng/mL	124	160	**77.7**			P20526879.d
SA50012	S5A1310-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	134	160	**83.9**			P20526879.d
SA50012	S5A1310-CCV2	Chlordane, total	ng/mL	1290	1000	**129**	80	120	P20526876.d
SA50012	S5A1310-CCV3	Toxaphene	ng/mL	3130	2000	**156**	80	120	P20526877.d
SA50012	S5A1310-CCV3	Toxaphene [2C]	ng/mL	2170	2000	**109**			P20526877.d
SA50012	S5A1310-CCV4	4,4'-DDD [2C]	ng/mL	57.1	50.0	**114**			P20526891.d
SA50012	S5A1310-CCV4	4,4'-DDE [2C]	ng/mL	52.4	50.0	**105**			P20526891.d
SA50012	S5A1310-CCV4	4,4'-DDT [2C]	ng/mL	62.2	50.0	**124**			P20526891.d
SA50012	S5A1310-CCV4	Aldrin [2C]	ng/mL	53.4	50.0	**107**			P20526891.d
SA50012	S5A1310-CCV4	alpha-BHC [2C]	ng/mL	54.3	50.0	**109**			P20526891.d
SA50012	S5A1310-CCV4	alpha-Chlordane [2C]	ng/mL	54.0	50.0	**108**			P20526891.d
SA50012	S5A1310-CCV4	beta-BHC [2C]	ng/mL	55.5	50.0	**111**			P20526891.d
SA50012	S5A1310-CCV4	delta-BHC [2C]	ng/mL	54.4	50.0	**109**			P20526891.d
SA50012	S5A1310-CCV4	Endosulfan I [2C]	ng/mL	54.7	50.0	**109**			P20526891.d
SA50012	S5A1310-CCV4	Endosulfan II [2C]	ng/mL	53.8	50.0	**108**			P20526891.d
SA50012	S5A1310-CCV4	Endosulfan sulfate [2C]	ng/mL	55.6	50.0	**111**			P20526891.d
SA50012	S5A1310-CCV4	Endrin [2C]	ng/mL	60.9	50.0	**122**			P20526891.d
SA50012	S5A1310-CCV4	Endrin aldehyde [2C]	ng/mL	53.4	50.0	**107**			P20526891.d
SA50012	S5A1310-CCV4	Endrin ketone [2C]	ng/mL	55.0	50.0	**110**			P20526891.d
SA50012	S5A1310-CCV4	gamma-BHC (Lindane) [2C]	ng/mL	56.1	50.0	**112**			P20526891.d
SA50012	S5A1310-CCV4	gamma-Chlordane [2C]	ng/mL	54.3	50.0	**109**			P20526891.d
SA50012	S5A1310-CCV4	Heptachlor [2C]	ng/mL	57.0	50.0	**114**			P20526891.d
SA50012	S5A1310-CCV4	Heptachlor epoxide [2C]	ng/mL	54.7	50.0	**109**			P20526891.d
SA50012	S5A1310-CCV4	Methoxychlor	ng/mL	63.1	50.0	**126**	80	120	P20526891.d
SA50012	S5A1310-CCV4	Methoxychlor [2C]	ng/mL	65.2	50.0	**130**			P20526891.d
SA50012	S5A1310-CCV4	Decachlorobiphenyl	ng/mL	119	160	**74.1**	80	120	P20526891.d
SA50012	S5A1310-CCV4	Decachlorobiphenyl [2C]	ng/mL	117	160	**73.4**			P20526891.d
SA50012	S5A1310-CCV4	Tetrachloro-m-xylene [2C]	ng/mL	128	160	**80.3**			P20526891.d
SA50012	S5A1310-CCV5	4,4'-DDD [2C]	ng/mL	58.5	50.0	**117**			P20526903.d
SA50012	S5A1310-CCV5	4,4'-DDE [2C]	ng/mL	52.2	50.0	**104**			P20526903.d
SA50012	S5A1310-CCV5	4,4'-DDT [2C]	ng/mL	60.5	50.0	**121**			P20526903.d
SA50012	S5A1310-CCV5	Aldrin [2C]	ng/mL	52.9	50.0	**106**			P20526903.d
SA50012	S5A1310-CCV5	alpha-BHC [2C]	ng/mL	54.4	50.0	**109**			P20526903.d
SA50012	S5A1310-CCV5	alpha-Chlordane [2C]	ng/mL	53.1	50.0	**106**			P20526903.d
SA50012	S5A1310-CCV5	beta-BHC [2C]	ng/mL	54.1	50.0	**108**			P20526903.d
SA50012	S5A1310-CCV5	delta-BHC [2C]	ng/mL	52.7	50.0	**105**			P20526903.d
SA50012	S5A1310-CCV5	Endosulfan I [2C]	ng/mL	53.9	50.0	**108**			P20526903.d

SA50012	S5A1310-CCV5	Endosulfan II [2C]	ng/mL	53.8	50.0	**108**			P20526903.d
SA50012	S5A1310-CCV5	Endosulfan sulfate [2C]	ng/mL	56.2	50.0	**112**			P20526903.d
SA50012	S5A1310-CCV5	Endrin [2C]	ng/mL	59.9	50.0	**120**			P20526903.d
SA50012	S5A1310-CCV5	Endrin aldehyde [2C]	ng/mL	53.7	50.0	**107**			P20526903.d
SA50012	S5A1310-CCV5	Endrin ketone [2C]	ng/mL	57.2	50.0	**114**			P20526903.d
SA50012	S5A1310-CCV5	gamma-BHC (Lindane) [2C]	ng/mL	55.8	50.0	**112**			P20526903.d
SA50012	S5A1310-CCV5	gamma-Chlordane [2C]	ng/mL	53.5	50.0	**107**			P20526903.d
SA50012	S5A1310-CCV5	Heptachlor [2C]	ng/mL	56.3	50.0	**113**			P20526903.d
SA50012	S5A1310-CCV5	Heptachlor epoxide [2C]	ng/mL	54.0	50.0	**108**			P20526903.d
SA50012	S5A1310-CCV5	Methoxychlor	ng/mL	64.4	50.0	**129**	80	120	P20526903.d
SA50012	S5A1310-CCV5	Methoxychlor [2C]	ng/mL	66.0	50.0	**132**			P20526903.d
SA50012	S5A1310-CCV5	Decachlorobiphenyl [2C]	ng/mL	127	160	**79.3**			P20526903.d
SA50012	S5A1310-CCV5	Tetrachloro-m-xylene [2C]	ng/mL	129	160	**80.6**			P20526903.d
SA50012	S5A1310-CCV6	4,4'-DDD [2C]	ng/mL	60.8	50.0	**122**			P20526916.d
SA50012	S5A1310-CCV6	4,4'-DDE [2C]	ng/mL	53.9	50.0	**108**			P20526916.d
SA50012	S5A1310-CCV6	4,4'-DDT [2C]	ng/mL	59.8	50.0	**120**			P20526916.d
SA50012	S5A1310-CCV6	Aldrin [2C]	ng/mL	53.6	50.0	**107**			P20526916.d
SA50012	S5A1310-CCV6	alpha-BHC [2C]	ng/mL	54.4	50.0	**109**			P20526916.d
SA50012	S5A1310-CCV6	alpha-Chlordane [2C]	ng/mL	54.4	50.0	**109**			P20526916.d
SA50012	S5A1310-CCV6	beta-BHC [2C]	ng/mL	54.5	50.0	**109**			P20526916.d
SA50012	S5A1310-CCV6	delta-BHC [2C]	ng/mL	52.6	50.0	**105**			P20526916.d
SA50012	S5A1310-CCV6	Endosulfan I [2C]	ng/mL	55.0	50.0	**110**			P20526916.d
SA50012	S5A1310-CCV6	Endosulfan II [2C]	ng/mL	55.6	50.0	**111**			P20526916.d
SA50012	S5A1310-CCV6	Endosulfan sulfate [2C]	ng/mL	57.5	50.0	**115**			P20526916.d
SA50012	S5A1310-CCV6	Endrin [2C]	ng/mL	59.7	50.0	**119**			P20526916.d
SA50012	S5A1310-CCV6	Endrin aldehyde [2C]	ng/mL	56.6	50.0	**113**			P20526916.d
SA50012	S5A1310-CCV6	Endrin ketone [2C]	ng/mL	59.0	50.0	**118**			P20526916.d
SA50012	S5A1310-CCV6	gamma-BHC (Lindane) [2C]	ng/mL	55.8	50.0	**112**			P20526916.d
SA50012	S5A1310-CCV6	gamma-Chlordane [2C]	ng/mL	54.7	50.0	**109**			P20526916.d
SA50012	S5A1310-CCV6	Heptachlor [2C]	ng/mL	56.3	50.0	**113**			P20526916.d
SA50012	S5A1310-CCV6	Heptachlor epoxide [2C]	ng/mL	55.0	50.0	**110**			P20526916.d
SA50012	S5A1310-CCV6	Methoxychlor	ng/mL	63.6	50.0	**127**	80	120	P20526916.d
SA50012	S5A1310-CCV6	Methoxychlor [2C]	ng/mL	66.0	50.0	**132**			P20526916.d
SA50012	S5A1310-CCV6	Decachlorobiphenyl [2C]	ng/mL	127	160	**79.6**			P20526916.d
SA50012	S5A1310-CCV6	Tetrachloro-m-xylene [2C]	ng/mL	130	160	**81.1**			P20526916.d
SA50012	S5A1310-CCV7	4,4'-DDD [2C]	ng/mL	63.2	50.0	**126**			P20526928.d
SA50012	S5A1310-CCV7	4,4'-DDE [2C]	ng/mL	53.4	50.0	**107**			P20526928.d
SA50012	S5A1310-CCV7	4,4'-DDT [2C]	ng/mL	62.0	50.0	**124**			P20526928.d
SA50012	S5A1310-CCV7	Aldrin [2C]	ng/mL	55.2	50.0	**110**			P20526928.d
SA50012	S5A1310-CCV7	alpha-BHC [2C]	ng/mL	55.8	50.0	**112**			P20526928.d
SA50012	S5A1310-CCV7	alpha-Chlordane [2C]	ng/mL	56.2	50.0	**112**			P20526928.d
SA50012	S5A1310-CCV7	beta-BHC [2C]	ng/mL	56.3	50.0	**113**			P20526928.d
SA50012	S5A1310-CCV7	delta-BHC [2C]	ng/mL	55.0	50.0	**110**			P20526928.d
SA50012	S5A1310-CCV7	Endosulfan I [2C]	ng/mL	56.9	50.0	**114**			P20526928.d
SA50012	S5A1310-CCV7	Endosulfan II [2C]	ng/mL	57.3	50.0	**115**			P20526928.d
SA50012	S5A1310-CCV7	Endosulfan sulfate [2C]	ng/mL	59.6	50.0	**119**			P20526928.d
SA50012	S5A1310-CCV7	Endrin [2C]	ng/mL	61.2	50.0	**122**			P20526928.d
SA50012	S5A1310-CCV7	Endrin aldehyde [2C]	ng/mL	59.0	50.0	**118**			P20526928.d
SA50012	S5A1310-CCV7	Endrin ketone [2C]	ng/mL	61.5	50.0	**123**			P20526928.d

SA50012	S5A1310-CCV7	gamma-BHC (Lindane) [2C]	ng/mL	57.4	50.0	**115**			P20526928.d
SA50012	S5A1310-CCV7	gamma-Chlordane [2C]	ng/mL	56.5	50.0	**113**			P20526928.d
SA50012	S5A1310-CCV7	Heptachlor [2C]	ng/mL	58.1	50.0	**116**			P20526928.d
SA50012	S5A1310-CCV7	Heptachlor epoxide [2C]	ng/mL	56.2	50.0	**112**			P20526928.d
SA50012	S5A1310-CCV7	Methoxychlor	ng/mL	65.4	50.0	**131**	80	120	P20526928.d
SA50012	S5A1310-CCV7	Methoxychlor [2C]	ng/mL	68.2	50.0	**136**			P20526928.d
SA50012	S5A1310-CCV7	Decachlorobiphenyl [2C]	ng/mL	132	160	**82.7**			P20526928.d
SA50012	S5A1310-CCV7	Tetrachloro-m-xylene [2C]	ng/mL	132	160	**82.7**			P20526928.d
SA50012	S5A1310-CCV8	4,4'-DDD [2C]	ng/mL	62.4	50.0	**125**			P20526941.d
SA50012	S5A1310-CCV8	4,4'-DDE [2C]	ng/mL	53.3	50.0	**107**			P20526941.d
SA50012	S5A1310-CCV8	4,4'-DDT [2C]	ng/mL	62.3	50.0	**125**			P20526941.d
SA50012	S5A1310-CCV8	Aldrin [2C]	ng/mL	53.3	50.0	**107**			P20526941.d
SA50012	S5A1310-CCV8	alpha-BHC [2C]	ng/mL	53.9	50.0	**108**			P20526941.d
SA50012	S5A1310-CCV8	alpha-Chlordane [2C]	ng/mL	54.5	50.0	**109**			P20526941.d
SA50012	S5A1310-CCV8	beta-BHC [2C]	ng/mL	54.6	50.0	**109**			P20526941.d
SA50012	S5A1310-CCV8	delta-BHC [2C]	ng/mL	53.2	50.0	**106**			P20526941.d
SA50012	S5A1310-CCV8	Endosulfan I [2C]	ng/mL	55.4	50.0	**111**			P20526941.d
SA50012	S5A1310-CCV8	Endosulfan II [2C]	ng/mL	56.2	50.0	**112**			P20526941.d
SA50012	S5A1310-CCV8	Endosulfan sulfate [2C]	ng/mL	59.5	50.0	**119**			P20526941.d
SA50012	S5A1310-CCV8	Endrin [2C]	ng/mL	60.9	50.0	**122**			P20526941.d
SA50012	S5A1310-CCV8	Endrin aldehyde [2C]	ng/mL	57.2	50.0	**114**			P20526941.d
SA50012	S5A1310-CCV8	Endrin ketone [2C]	ng/mL	61.3	50.0	**123**			P20526941.d
SA50012	S5A1310-CCV8	gamma-BHC (Lindane) [2C]	ng/mL	55.8	50.0	**112**			P20526941.d
SA50012	S5A1310-CCV8	gamma-Chlordane [2C]	ng/mL	54.9	50.0	**110**			P20526941.d
SA50012	S5A1310-CCV8	Heptachlor [2C]	ng/mL	56.2	50.0	**112**			P20526941.d
SA50012	S5A1310-CCV8	Heptachlor epoxide [2C]	ng/mL	55.0	50.0	**110**			P20526941.d
SA50012	S5A1310-CCV8	Methoxychlor	ng/mL	65.7	50.0	**131**	80	120	P20526941.d
SA50012	S5A1310-CCV8	Methoxychlor [2C]	ng/mL	69.4	50.0	**139**			P20526941.d
SA50012	S5A1310-CCV8	Decachlorobiphenyl	ng/mL	126	160	**79.1**	80	120	P20526941.d
SA50012	S5A1310-CCV8	Decachlorobiphenyl [2C]	ng/mL	127	160	**79.6**			P20526941.d
SA50012	S5A1310-CCV8	Tetrachloro-m-xylene [2C]	ng/mL	127	160	**79.2**			P20526941.d
SA50012	S5A1310-CCV9	4,4'-DDD [2C]	ng/mL	63.2	50.0	**126**			P20526948.d
SA50012	S5A1310-CCV9	4,4'-DDE [2C]	ng/mL	54.0	50.0	**108**			P20526948.d
SA50012	S5A1310-CCV9	4,4'-DDT [2C]	ng/mL	63.0	50.0	**126**			P20526948.d
SA50012	S5A1310-CCV9	Aldrin [2C]	ng/mL	54.3	50.0	**109**			P20526948.d
SA50012	S5A1310-CCV9	alpha-BHC [2C]	ng/mL	55.2	50.0	**110**			P20526948.d
SA50012	S5A1310-CCV9	alpha-Chlordane [2C]	ng/mL	55.4	50.0	**111**			P20526948.d
SA50012	S5A1310-CCV9	beta-BHC [2C]	ng/mL	53.7	50.0	**107**			P20526948.d
SA50012	S5A1310-CCV9	delta-BHC [2C]	ng/mL	51.0	50.0	**102**			P20526948.d
SA50012	S5A1310-CCV9	Endosulfan I [2C]	ng/mL	56.3	50.0	**113**			P20526948.d
SA50012	S5A1310-CCV9	Endosulfan II [2C]	ng/mL	55.3	50.0	**111**			P20526948.d
SA50012	S5A1310-CCV9	Endosulfan sulfate [2C]	ng/mL	57.2	50.0	**114**			P20526948.d
SA50012	S5A1310-CCV9	Endrin [2C]	ng/mL	60.9	50.0	**122**			P20526948.d
SA50012	S5A1310-CCV9	Endrin aldehyde [2C]	ng/mL	57.2	50.0	**114**			P20526948.d
SA50012	S5A1310-CCV9	Endrin ketone [2C]	ng/mL	60.9	50.0	**122**			P20526948.d
SA50012	S5A1310-CCV9	gamma-BHC (Lindane) [2C]	ng/mL	57.0	50.0	**114**			P20526948.d
SA50012	S5A1310-CCV9	gamma-Chlordane [2C]	ng/mL	55.9	50.0	**112**			P20526948.d
SA50012	S5A1310-CCV9	Heptachlor [2C]	ng/mL	56.7	50.0	**113**			P20526948.d
SA50012	S5A1310-CCV9	Heptachlor epoxide [2C]	ng/mL	55.6	50.0	**111**			P20526948.d

SA50012	S5A1310-CCV9	Methoxychlor	ng/mL	65.5	50.0	**131**	80	120	P20526948.d
SA50012	S5A1310-CCV9	Methoxychlor [2C]	ng/mL	69.4	50.0	**139**			P20526948.d
SA50012	S5A1310-CCV9	Decachlorobiphenyl [2C]	ng/mL	131	160	**82**			P20526948.d
SA50012	S5A1310-CCV9	Tetrachloro-m-xylene [2C]	ng/mL	130	160	**81.3**			P20526948.d

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50012	S5A1012	S5A1012-PEM1	Performance Mix		P20526821.d
SA50012	S5A1012	S5A1012-PEM2	Performance Mix		P20526833.d
SA50012	S5A1012	BA50563-BLK1	Blank		P20526867.d
SA50012	S5A1012	BA50563-BS1	LCS		P20526868.d
SA50012	S5A1012	BA50563-BSD1	LCS Dup		P20526869.d
SA50012	S5A1310	S5A1310-PEM1	Performance Mix		P20526873.d
SA50012	S5A1310	25A0380-10	SB00X		P20526906.d
SA50012	S5A1310	25A0380-14	SB005 (0- 2IN)		P20526910.d
SA50012	S5A1310	BA50627-BLK1	Blank		P20526924.d
SA50012	S5A1310	S5A1310-PEM3	Performance Mix		P20526929.d

EPA 8081B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
PEST	BA50563	S5A1012	GC_5890_I	BA50563-BLK1	P20526867.d
PEST	BA50627	S5A1310	GC_5890_I	BA50627-BLK1	P20526924.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50012	5A1012	BA50563-BS1	LCS	P20526868.d
SA50012	5A1012	BA50563-BSD1	LCS Dup	P20526869.d

York Analytical Work Order Narrative

EPA 8081B

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50640	SB001 (O-2 IN)	25A0380-01	5
EPA 8081B	BA50640	SB001(2 IN-24IN)	25A0380-02	5
EPA 8081B	BA50627	SB001 (6-8 FT)	25A0380-03	5
EPA 8081B	BA50627	SB002 (0-2IN)	25A0380-04	5
EPA 8081B	BA50627	SB002 (2 IN -24 IN)	25A0380-05	5
EPA 8081B	BA50627	SB002 (6 - 8 FT)	25A0380-06	5
EPA 8081B	BA50627	SB003 (0- 2IN)	25A0380-07	5
EPA 8081B	BA50627	SB003 (2 IN- 24IN)	25A0380-08	5
EPA 8081B	BA50627	SB003 (6 - 8FT)	25A0380-09	5
EPA 8081B	BA50627	SB00X	25A0380-10	5
EPA 8081B	BA50627	SB004 (0- 2IN)	25A0380-11	5
EPA 8081B	BA50627	SB004 (2 IN-24 IN)	25A0380-12	5
EPA 8081B	BA50627	SB004 (6- 8 FT)	25A0380-13	5
EPA 8081B	BA50627	SB005 (0- 2IN)	25A0380-14	5
EPA 8081B	BA50627	SB005 (2 IN-24 IN)	25A0380-15	5
EPA 8081B	BA50627	SB005 (6- 8FT)	25A0380-16	5

York Analytical Work Order Narrative

EPA 8081B

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50012	LCS	BA50563-BS1	Tetrachloro-m-xylene [2C]	**28.4**	30 - 150
SA50012	Calibration Check	S5A1012-CCV1	Decachlorobiphenyl	**71.5**	80 - 120
SA50012	Calibration Check	S5A1012-CCV1	Decachlorobiphenyl [2C]	**72.5**	-
SA50012	Calibration Check	S5A1012-CCV1	Tetrachloro-m-xylene [2C]	**84.9**	-
SA50012	Calibration Check	S5A1012-CCV4	Decachlorobiphenyl	**76.2**	80 - 120
SA50012	Calibration Check	S5A1012-CCV4	Decachlorobiphenyl [2C]	**73.9**	-
SA50012	Calibration Check	S5A1012-CCV4	Tetrachloro-m-xylene [2C]	**82.1**	-
SA50012	Calibration Check	S5A1012-CCV5	Decachlorobiphenyl	**75**	80 - 120
SA50012	Calibration Check	S5A1012-CCV5	Decachlorobiphenyl [2C]	**70.7**	-
SA50012	Calibration Check	S5A1012-CCV5	Tetrachloro-m-xylene [2C]	**80.2**	-
SA50012	Calibration Check	S5A1012-CCV6	Decachlorobiphenyl	**75.4**	80 - 120
SA50012	Calibration Check	S5A1012-CCV6	Decachlorobiphenyl [2C]	**73**	-
SA50012	Calibration Check	S5A1012-CCV6	Tetrachloro-m-xylene [2C]	**80.3**	-
SA50012	Calibration Check	S5A1012-CCV7	Decachlorobiphenyl	**74.2**	80 - 120
SA50012	Calibration Check	S5A1012-CCV7	Decachlorobiphenyl [2C]	**73.2**	-
SA50012	Calibration Check	S5A1012-CCV7	Tetrachloro-m-xylene [2C]	**80.2**	-
SA50012	Calibration Check	S5A1310-CCV1	Decachlorobiphenyl	**75.7**	80 - 120
SA50012	Calibration Check	S5A1310-CCV1	Decachlorobiphenyl [2C]	**77.7**	-
SA50012	Calibration Check	S5A1310-CCV1	Tetrachloro-m-xylene [2C]	**83.9**	-
SA50012	Calibration Check	S5A1310-CCV4	Decachlorobiphenyl	**74.1**	80 - 120
SA50012	Calibration Check	S5A1310-CCV4	Decachlorobiphenyl [2C]	**73.4**	-
SA50012	Calibration Check	S5A1310-CCV4	Tetrachloro-m-xylene [2C]	**80.3**	-
SA50012	Calibration Check	S5A1310-CCV5	Decachlorobiphenyl [2C]	**79.3**	-
SA50012	Calibration Check	S5A1310-CCV5	Tetrachloro-m-xylene [2C]	**80.6**	-
SA50012	Calibration Check	S5A1310-CCV6	Decachlorobiphenyl [2C]	**79.6**	-
SA50012	Calibration Check	S5A1310-CCV6	Tetrachloro-m-xylene [2C]	**81.1**	-
SA50012	Calibration Check	S5A1310-CCV7	Decachlorobiphenyl [2C]	**82.7**	-
SA50012	Calibration Check	S5A1310-CCV7	Tetrachloro-m-xylene [2C]	**82.7**	-
SA50012	Calibration Check	S5A1310-CCV8	Decachlorobiphenyl	**79.1**	80 - 120
SA50012	Calibration Check	S5A1310-CCV8	Decachlorobiphenyl [2C]	**79.6**	-
SA50012	Calibration Check	S5A1310-CCV8	Tetrachloro-m-xylene [2C]	**79.2**	-
SA50012	Calibration Check	S5A1310-CCV9	Decachlorobiphenyl [2C]	**82**	-
SA50012	Calibration Check	S5A1310-CCV9	Tetrachloro-m-xylene [2C]	**81.3**	-

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50014

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50014	S5A0939	S5A0939	Performance Mix	S5A0939-PEM1	PEST7	P7035099.D
SA50014	S5A0939	S5A0939	Secondary Cal Check	S5A0939-SCV1	PEST7	P7035112.D
SA50014	S5A1313	S5A1313	Performance Mix	S5A1313-PEM1	PEST7	P7035150.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV1	PEST7	P7035151.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV2	PEST7	P7035153.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV3	PEST7	P7035154.D
SA50014	S5A1313	S5A1313	Performance Mix	S5A1313-PEM2	PEST7	P7035177.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV4	PEST7	P7035179.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV5	PEST7	P7035191.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV6	PEST7	P7035203.D
SA50014	S5A1313	S5A1313	Performance Mix	S5A1313-PEM3	PEST7	P7035204.D
SA50014	BA50563	S5A1313	Field Blank 1/7/25	25A0380-17	PEST7	P7035205.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV7	PEST7	P7035213.D
SA50014	S5A1321	S5A1321	Performance Mix	S5A1321-PEM1	PEST7	P7035217.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV1	PEST7	P7035218.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV2	PEST7	P7035220.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV3	PEST7	P7035221.D
SA50014	BA50640	S5A1321	LCS	BA50640-BS1	PEST7	P7035225.D
SA50014	BA50627	S5A1321	LCS	BA50627-BS1	PEST7	P7035226.D
SA50014	BA50627	S5A1321	SB003 (6 - 8FT)MS1	BA50627-MS1	PEST7	P7035227.D
SA50014	BA50627	S5A1321	SB003 (6 - 8FT)MSD1	BA50627-MSD1	PEST7	P7035228.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV4	PEST7	P7035236.D
SA50014	S5A1321	S5A1321	Performance Mix	S5A1321-PEM2	PEST7	P7035269.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV5	PEST7	P7035270.D

Initial calibration for EPA 8081B met method guidelines.

York Analytical Work Order Narrative

EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50014	S5A1313	S5A1313-CCV1	P7035151.D	01/10/25 08:29
SA50014	S5A1313	S5A1313-CCV2	P7035153.D	01/10/25 09:03
SA50014	S5A1313	S5A1313-CCV3	P7035154.D	01/10/25 09:20
SA50014	S5A1313	S5A1313-CCV4	P7035179.D	01/10/25 17:39
SA50014	S5A1313	S5A1313-CCV5	P7035191.D	01/10/25 21:25
SA50014	S5A1313	S5A1313-CCV6	P7035203.D	01/11/25 00:52
SA50014	S5A1313	S5A1313-CCV7	P7035213.D	01/11/25 03:44
SA50014	S5A1321	S5A1321-CCV1	P7035218.D	01/13/25 08:49
SA50014	S5A1321	S5A1321-CCV2	P7035220.D	01/13/25 09:23
SA50014	S5A1321	S5A1321-CCV3	P7035221.D	01/13/25 09:40
SA50014	S5A1321	S5A1321-CCV4	P7035236.D	01/13/25 16:02
SA50014	S5A1321	S5A1321-CCV5	P7035270.D	01/14/25 08:32

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50014	S5A1313-CCV1	4,4'-DDT	ng/mL	64.3	50.0	**129**	80	120	P7035151.D
SA50014	S5A1313-CCV1	4,4'-DDT [2C]	ng/mL	63.4	50.0	**127**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Endrin	ng/mL	63.2	50.0	**126**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Endrin [2C]	ng/mL	62.4	50.0	**125**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Methoxychlor	ng/mL	67.3	50.0	**135**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Methoxychlor [2C]	ng/mL	66.5	50.0	**133**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Decachlorobiphenyl	ng/mL	124	160	**77.4**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Decachlorobiphenyl [2C]	ng/mL	124	160	**77.2**	80	120	P7035151.D
SA50014	S5A1313-CCV2	Chlordane, total [2C]	ng/mL	673	1000	**67.3**	80	120	P7035153.D
SA50014	S5A1313-CCV3	Toxaphene	ng/mL	2670	2000	**133**	80	120	P7035154.D
SA50014	S5A1313-CCV4	4,4'-DDT	ng/mL	65.2	50.0	**130**	80	120	P7035179.D
SA50014	S5A1313-CCV4	4,4'-DDT [2C]	ng/mL	63.1	50.0	**126**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Endrin	ng/mL	61.5	50.0	**123**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Methoxychlor	ng/mL	68.8	50.0	**138**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Methoxychlor [2C]	ng/mL	67.0	50.0	**134**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Decachlorobiphenyl	ng/mL	121	160	**75.5**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Decachlorobiphenyl [2C]	ng/mL	118	160	**73.5**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Tetrachloro-m-xylene	ng/mL	123	160	**76.9**	80	120	P7035179.D
SA50014	S5A1313-CCV5	4,4'-DDT	ng/mL	65.9	50.0	**132**	80	120	P7035191.D
SA50014	S5A1313-CCV5	4,4'-DDT [2C]	ng/mL	64.0	50.0	**128**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Methoxychlor	ng/mL	68.6	50.0	**137**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Methoxychlor [2C]	ng/mL	67.3	50.0	**135**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Decachlorobiphenyl	ng/mL	120	160	**75.3**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Decachlorobiphenyl [2C]	ng/mL	118	160	**73.7**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Tetrachloro-m-xylene	ng/mL	126	160	**79**	80	120	P7035191.D
SA50014	S5A1313-CCV6	4,4'-DDT	ng/mL	66.0	50.0	**132**	80	120	P7035203.D
SA50014	S5A1313-CCV6	4,4'-DDT [2C]	ng/mL	64.5	50.0	**129**	80	120	P7035203.D

SA50014	S5A1313-CCV6	Methoxychlor	ng/mL	69.4	50.0	**139**	80	120	P7035203.D
SA50014	S5A1313-CCV6	Methoxychlor [2C]	ng/mL	67.9	50.0	**136**	80	120	P7035203.D
SA50014	S5A1313-CCV6	Decachlorobiphenyl	ng/mL	115	160	**72.1**	80	120	P7035203.D
SA50014	S5A1313-CCV6	Decachlorobiphenyl [2C]	ng/mL	114	160	**71.3**	80	120	P7035203.D
SA50014	S5A1313-CCV7	Methoxychlor	ng/mL	61.5	50.0	**123**	80	120	P7035213.D
SA50014	S5A1313-CCV7	Decachlorobiphenyl	ng/mL	112	160	**69.7**	80	120	P7035213.D
SA50014	S5A1313-CCV7	Decachlorobiphenyl [2C]	ng/mL	103	160	**64.4**	80	120	P7035213.D
SA50014	S5A1313-CCV7	Tetrachloro-m-xylene [2C]	ng/mL	123	160	**76.9**	80	120	P7035213.D
SA50014	S5A1321-CCV1	Methoxychlor	ng/mL	61.6	50.0	**123**	80	120	P7035218.D
SA50014	S5A1321-CCV1	Decachlorobiphenyl	ng/mL	123	160	**77**	80	120	P7035218.D
SA50014	S5A1321-CCV1	Decachlorobiphenyl [2C]	ng/mL	124	160	**77.7**	80	120	P7035218.D
SA50014	S5A1321-CCV2	Chlordane, total [2C]	ng/mL	647	1000	**64.7**	80	120	P7035220.D
SA50014	S5A1321-CCV3	Toxaphene	ng/mL	2510	2000	**126**	80	120	P7035221.D
SA50014	S5A1321-CCV4	Methoxychlor	ng/mL	62.4	50.0	**125**	80	120	P7035236.D
SA50014	S5A1321-CCV4	Decachlorobiphenyl	ng/mL	111	160	**69.5**	80	120	P7035236.D
SA50014	S5A1321-CCV4	Decachlorobiphenyl [2C]	ng/mL	108	160	**67.5**	80	120	P7035236.D
SA50014	S5A1321-CCV5	4,4'-DDT	ng/mL	66.4	50.0	**133**	80	120	P7035270.D
SA50014	S5A1321-CCV5	4,4'-DDT [2C]	ng/mL	63.5	50.0	**127**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Endrin	ng/mL	62.2	50.0	**124**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Endrin [2C]	ng/mL	62.3	50.0	**125**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Methoxychlor	ng/mL	67.4	50.0	**135**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Methoxychlor [2C]	ng/mL	65.4	50.0	**131**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Decachlorobiphenyl	ng/mL	118	160	**73.7**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Decachlorobiphenyl [2C]	ng/mL	119	160	**74.5**	80	120	P7035270.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50014	S5A1313	S5A1313-PEM1	Performance Mix		P7035150.D
SA50014	S5A1313	S5A1313-PEM2	Performance Mix		P7035177.D
SA50014	S5A1313	S5A1313-PEM3	Performance Mix		P7035204.D
SA50014	S5A1313	25A0380-17	Field Blank 1/7/25		P7035205.D
SA50014	S5A1321	S5A1321-PEM1	Performance Mix		P7035217.D
SA50014	S5A1321	BA50640-BS1	LCS		P7035225.D
SA50014	S5A1321	BA50627-BS1	LCS		P7035226.D
SA50014	S5A1321	BA50627-MS1	Matrix Spike	SB003 (6 - 8FT)	P7035227.D
SA50014	S5A1321	BA50627-MSD1	Matrix Spike Dup	SB003 (6 - 8FT)	P7035228.D
SA50014	S5A1321	S5A1321-PEM2	Performance Mix		P7035269.D

EPA 8081B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50014	5A1321	BA50627-BS1	LCS	P7035226.D
SA50014	5A1321	BA50640-BS1	LCS	P7035225.D

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PEST	**SA50014**	BA50627	S5A1321	SB003 (6 - 8FT)MS1	25A0380-09	SB003 (6 - 8FT)	BA50627-MS1
PEST	**SA50014**	BA50627	S5A1321	SB003 (6 - 8FT)MSD1	25A0380-09	SB003 (6 - 8FT)	BA50627-MSD1

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50640	SB001 (O-2 IN)	25A0380-01	5
EPA 8081B	BA50640	SB001(2 IN-24IN)	25A0380-02	5
EPA 8081B	BA50627	SB001 (6-8 FT)	25A0380-03	5
EPA 8081B	BA50627	SB002 (0-2IN)	25A0380-04	5
EPA 8081B	BA50627	SB002 (2 IN -24 IN)	25A0380-05	5
EPA 8081B	BA50627	SB002 (6 - 8 FT)	25A0380-06	5
EPA 8081B	BA50627	SB003 (0- 2IN)	25A0380-07	5
EPA 8081B	BA50627	SB003 (2 IN- 24IN)	25A0380-08	5
EPA 8081B	BA50627	SB003 (6 - 8FT)	25A0380-09	5
EPA 8081B	BA50627	SB00X	25A0380-10	5
EPA 8081B	BA50627	SB004 (0- 2IN)	25A0380-11	5
EPA 8081B	BA50627	SB004 (2 IN-24 IN)	25A0380-12	5
EPA 8081B	BA50627	SB004 (6- 8 FT)	25A0380-13	5
EPA 8081B	BA50627	SB005 (0- 2IN)	25A0380-14	5
EPA 8081B	BA50627	SB005 (2 IN-24 IN)	25A0380-15	5
EPA 8081B	BA50627	SB005 (6- 8FT)	25A0380-16	5

York Analytical Work Order Narrative

EPA 8081B

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50014	Calibration Check	S5A1313-CCV1	Decachlorobiphenyl	**77.4**	80 - 120
SA50014	Calibration Check	S5A1313-CCV1	Decachlorobiphenyl [2C]	**77.2**	80 - 120
SA50014	Calibration Check	S5A1313-CCV4	Decachlorobiphenyl	**75.5**	80 - 120
SA50014	Calibration Check	S5A1313-CCV4	Decachlorobiphenyl [2C]	**73.5**	80 - 120
SA50014	Calibration Check	S5A1313-CCV4	Tetrachloro-m-xylene	**76.9**	80 - 120
SA50014	Calibration Check	S5A1313-CCV5	Decachlorobiphenyl	**75.3**	80 - 120
SA50014	Calibration Check	S5A1313-CCV5	Decachlorobiphenyl [2C]	**73.7**	80 - 120
SA50014	Calibration Check	S5A1313-CCV5	Tetrachloro-m-xylene	**79**	80 - 120
SA50014	Calibration Check	S5A1313-CCV6	Decachlorobiphenyl	**72.1**	80 - 120
SA50014	Calibration Check	S5A1313-CCV6	Decachlorobiphenyl [2C]	**71.3**	80 - 120
SA50014	Calibration Check	S5A1313-CCV7	Decachlorobiphenyl	**69.7**	80 - 120
SA50014	Calibration Check	S5A1313-CCV7	Decachlorobiphenyl [2C]	**64.4**	80 - 120
SA50014	Calibration Check	S5A1313-CCV7	Tetrachloro-m-xylene [2C]	**76.9**	80 - 120
SA50014	Calibration Check	S5A1321-CCV1	Decachlorobiphenyl	**77**	80 - 120
SA50014	Calibration Check	S5A1321-CCV1	Decachlorobiphenyl [2C]	**77.7**	80 - 120
SA50014	Calibration Check	S5A1321-CCV4	Decachlorobiphenyl	**69.5**	80 - 120
SA50014	Calibration Check	S5A1321-CCV4	Decachlorobiphenyl [2C]	**67.5**	80 - 120
SA50014	Calibration Check	S5A1321-CCV5	Decachlorobiphenyl	**73.7**	80 - 120
SA50014	Calibration Check	S5A1321-CCV5	Decachlorobiphenyl [2C]	**74.5**	80 - 120

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50019

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50019	S5A1320	S5A1320	Performance Mix	S5A1320-PEM1	GC_5890_I	P20526950.d
SA50019	S5A1320	S5A1320	Secondary Cal Check	S5A1320-SCV1	GC_5890_I	P20526963.d
SA50019	S5A1413	S5A1413	Performance Mix	S5A1413-PEM1	GC_5890_I	P20526964.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV1	GC_5890_I	P20526965.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV2	GC_5890_I	P20526967.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV3	GC_5890_I	P20526968.d
SA50019	BA50640	S5A1413	Blank	BA50640-BLK1	GC_5890_I	P20526969.d
SA50019	BA50640	S5A1413	SB001(2 IN-24IN)MS1	BA50640-MS1	GC_5890_I	P20526970.d
SA50019	BA50640	S5A1413	SB001(2 IN-24IN)MSD1	BA50640-MSD1	GC_5890_I	P20526971.d
SA50019	BA50640	S5A1413	SB001 (O-2 IN)	25A0380-01	GC_5890_I	P20526973.d
SA50019	BA50640	S5A1413	SB001(2 IN-24IN)	25A0380-02	GC_5890_I	P20526974.d
SA50019	BA50563	S5A1413	Equipment Blank 1/7/25	25A0380-18	GC_5890_I	P20526976.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV4	GC_5890_I	P20526982.d
SA50019	S5A1413	S5A1413	Performance Mix	S5A1413-PEM2	GC_5890_I	P20527001.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV5	GC_5890_I	P20527003.d

Initial calibration for EPA 8081B met method guidelines.

York Analytical Work Order Narrative

EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50019	S5A1320-SCV1	4,4'-DDD	50.0	52.1	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDD [2C]	50.0	52.2	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDE	50.0	52.3	**105**	-
SA50019	S5A1320-SCV1	4,4'-DDE [2C]	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	4,4'-DDT	50.0	52.2	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDT [2C]	50.0	52.0	**104**	-
SA50019	S5A1320-SCV1	Aldrin	50.0	53.3	**107**	-
SA50019	S5A1320-SCV1	Aldrin [2C]	50.0	53.0	**106**	-
SA50019	S5A1320-SCV1	alpha-BHC	50.0	53.6	**107**	-
SA50019	S5A1320-SCV1	alpha-BHC [2C]	50.0	53.4	**107**	-
SA50019	S5A1320-SCV1	alpha-Chlordane	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	alpha-Chlordane [2C]	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	beta-BHC	50.0	55.3	**111**	-
SA50019	S5A1320-SCV1	beta-BHC [2C]	50.0	55.1	**110**	-
SA50019	S5A1320-SCV1	Decachlorobiphenyl	160	172	**108**	-
SA50019	S5A1320-SCV1	Decachlorobiphenyl [2C]	160	167	**104**	-
SA50019	S5A1320-SCV1	delta-BHC	50.0	54.7	**109**	-
SA50019	S5A1320-SCV1	delta-BHC [2C]	50.0	54.4	**109**	-
SA50019	S5A1320-SCV1	Dieldrin	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Endosulfan I	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endosulfan I [2C]	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Endosulfan II	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Endosulfan II [2C]	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Endosulfan sulfate	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Endosulfan sulfate [2C]	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Endrin	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endrin [2C]	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endrin aldehyde	50.0	55.0	**110**	-
SA50019	S5A1320-SCV1	Endrin aldehyde [2C]	50.0	54.6	**109**	-
SA50019	S5A1320-SCV1	Endrin ketone	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	Endrin ketone [2C]	50.0	52.3	**105**	-
SA50019	S5A1320-SCV1	gamma-BHC (Lindane)	50.0	53.5	**107**	-
SA50019	S5A1320-SCV1	gamma-BHC (Lindane) [2C]	50.0	53.6	**107**	-
SA50019	S5A1320-SCV1	gamma-Chlordane	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	gamma-Chlordane [2C]	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Heptachlor	50.0	53.7	**107**	-
SA50019	S5A1320-SCV1	Heptachlor [2C]	50.0	53.4	**107**	-
SA50019	S5A1320-SCV1	Heptachlor epoxide	50.0	53.1	**106**	-
SA50019	S5A1320-SCV1	Heptachlor epoxide [2C]	50.0	53.1	**106**	-
SA50019	S5A1320-SCV1	Methoxychlor	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Methoxychlor [2C]	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Tetrachloro-m-xylene	160	181	**113**	-
SA50019	S5A1320-SCV1	Tetrachloro-m-xylene [2C]	160	176	**110**	-

The following QC and or client samples were affected:

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LabNumber	SampleName	File ID
S5A1320-PEM1	Performance Mix	P20526950.d
S5A1413-PEM1	Performance Mix	P20526964.d
S5A1413-CCV1	Calibration Check	P20526965.d
BA50640-BLK1	Blank	P20526969.d
BA50640-MS1	Matrix Spike	P20526970.d
BA50640-MSD1	Matrix Spike Dup	P20526971.d
25A0380-02	SB001(2 IN-24IN)	P20526974.d
S5A1413-CCV4	Calibration Check	P20526982.d
S5A1413-PEM2	Performance Mix	P20527001.d
S5A1413-CCV5	Calibration Check	P20527003.d

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50019	S5A1413	S5A1413-CCV1	P20526965.d	01/13/25 13:00
SA50019	S5A1413	S5A1413-CCV2	P20526967.d	01/13/25 13:31
SA50019	S5A1413	S5A1413-CCV3	P20526968.d	01/13/25 13:47
SA50019	S5A1413	S5A1413-CCV4	P20526982.d	01/13/25 17:25
SA50019	S5A1413	S5A1413-CCV5	P20527003.d	01/14/25 09:11

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50019	S5A1413-CCV1	Decachlorobiphenyl	ng/mL	125	160	**78.4**	80	120	P20526965.d
SA50019	S5A1413-CCV1	Decachlorobiphenyl [2C]	ng/mL	122	160	**76.5**	80	120	P20526965.d
SA50019	S5A1413-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	126	160	**78.8**	80	120	P20526965.d
SA50019	S5A1413-CCV2	Chlordane, total	ng/mL	1390	1000	**139**	80	120	P20526967.d
SA50019	S5A1413-CCV3	Toxaphene	ng/mL	3310	2000	**166**	80	120	P20526968.d
SA50019	S5A1413-CCV5	Methoxychlor [2C]	ng/mL	61.2	50.0	**122**	80	120	P20527003.d
SA50019	S5A1413-CCV5	Tetrachloro-m-xylene	ng/mL	126	160	**78.7**	80	120	P20527003.d

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50019	S5A1413	BA50640-BLK1	Blank		P20526969.d
SA50019	S5A1413	BA50640-MS1	Matrix Spike	SB001(2 IN-24IN)	P20526970.d
SA50019	S5A1413	BA50640-MSD1	Matrix Spike Dup	SB001(2 IN-24IN)	P20526971.d

EPA 8081B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
PEST	BA50640	S5A1413	GC_5890_I	BA50640-BLK1	P20526969.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PEST	**SA50019**	BA50640	S5A1413	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50640-MS1
PEST	**SA50019**	BA50640	S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	SB001(2 IN-24IN)	BA50640-MSD1

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	4,4'-DDD [2C]	30.4	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	4,4'-DDE	30.8	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	4,4'-DDE [2C]	30.4	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Aldrin	31.1	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Aldrin [2C]	30.9	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	alpha-BHC	32	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	alpha-BHC [2C]	31.6	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	alpha-Chlordane [2C]	30.1	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	delta-BHC	32.3	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	delta-BHC [2C]	32.5	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Dieldrin	30.1	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Dieldrin [2C]	30.8	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Endosulfan I	31.3	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Endosulfan I [2C]	30.3	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Endrin	30.4	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	gamma-BHC (Lindane)	31.8	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	gamma-BHC (Lindane) [2C]	31.5	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	gamma-Chlordane	30.6	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	gamma-Chlordane [2C]	30.2	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Heptachlor	30.7	30	
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Heptachlor [2C]	30.5	30	QR-03, QR-02
S5A1413	SB001(2 IN-24IN)MSD1	25A0380-02	BA50640-MSD1	Heptachlor epoxide	30.2	30	

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50640	SB001 (O-2 IN)	25A0380-01	5
EPA 8081B	BA50640	SB001(2 IN-24IN)	25A0380-02	5
EPA 8081B	BA50627	SB001 (6-8 FT)	25A0380-03	5
EPA 8081B	BA50627	SB002 (0-2IN)	25A0380-04	5
EPA 8081B	BA50627	SB002 (2 IN -24 IN)	25A0380-05	5
EPA 8081B	BA50627	SB002 (6 - 8 FT)	25A0380-06	5
EPA 8081B	BA50627	SB003 (0- 2IN)	25A0380-07	5
EPA 8081B	BA50627	SB003 (2 IN- 24IN)	25A0380-08	5
EPA 8081B	BA50627	SB003 (6 - 8FT)	25A0380-09	5
EPA 8081B	BA50627	SB00X	25A0380-10	5
EPA 8081B	BA50627	SB004 (0- 2IN)	25A0380-11	5
EPA 8081B	BA50627	SB004 (2 IN-24 IN)	25A0380-12	5
EPA 8081B	BA50627	SB004 (6- 8 FT)	25A0380-13	5
EPA 8081B	BA50627	SB005 (0- 2IN)	25A0380-14	5
EPA 8081B	BA50627	SB005 (2 IN-24 IN)	25A0380-15	5
EPA 8081B	BA50627	SB005 (6- 8FT)	25A0380-16	5

EPA 8081B

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50019	Equipment Blank 1/7/25	25A0380-18	Tetrachloro-m-xylene	**13.1**	30 - 150
SA50019	Equipment Blank 1/7/25	25A0380-18	Tetrachloro-m-xylene [2C]	**12.2**	30 - 150
SA50019	Secondary Cal Check	S5A1320-SCV1	Decachlorobiphenyl	**108**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Decachlorobiphenyl [2C]	**104**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Tetrachloro-m-xylene	**113**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Tetrachloro-m-xylene [2C]	**110**	-
SA50019	Calibration Check	S5A1413-CCV1	Decachlorobiphenyl	**78.4**	80 - 120
SA50019	Calibration Check	S5A1413-CCV1	Decachlorobiphenyl [2C]	**76.5**	80 - 120
SA50019	Calibration Check	S5A1413-CCV1	Tetrachloro-m-xylene [2C]	**78.8**	80 - 120
SA50019	Calibration Check	S5A1413-CCV5	Tetrachloro-m-xylene	**78.7**	80 - 120

4.0 Analysis Issues

EPA 8082A

PCB, 8082 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50010

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50010	S5A0810	S5A0810	Secondary Cal Check	S5A0810-SCV1	ECD#1	P1160854.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV1	ECD#1	P1160951.D
SA50010	S5A1328	S5A1328	Aroclor Reference	S5A1328-ARC1	ECD#1	P1160952.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV2	ECD#1	P1160961.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV3	ECD#1	P1160983.D
SA50010	BA50563	S5A1328	Blank	BA50563-BLK2	ECD#1	P1160987.D
SA50010	BA50563	S5A1328	LCS	BA50563-BS2	ECD#1	P1160989.D
SA50010	BA50563	S5A1328	Field Blank 1/7/25	25A0380-17	ECD#1	P1160990.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV4	ECD#1	P1161005.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV5	ECD#1	P1161026.D
SA50010	S5A1333	S5A1333	Calibration Check	S5A1333-CCV1	ECD#1	P1161029.D
SA50010	S5A1333	S5A1333	Aroclor Reference	S5A1333-ARC1	ECD#1	P1161030.D
SA50010	BA50627	S5A1333	Blank	BA50627-BLK2	ECD#1	P1161033.D
SA50010	BA50627	S5A1333	LCS	BA50627-BS2	ECD#1	P1161034.D
SA50010	BA50627	S5A1333	SB003 (6 - 8FT)MS2	BA50627-MS2	ECD#1	P1161035.D
SA50010	BA50627	S5A1333	SB003 (6 - 8FT)MSD2	BA50627-MSD2	ECD#1	P1161036.D
SA50010	BA50627	S5A1333	SB001 (6-8 FT)	25A0380-03	ECD#1	P1161038.D
SA50010	BA50627	S5A1333	SB002 (0-2IN)	25A0380-04	ECD#1	P1161039.D
SA50010	BA50627	S5A1333	SB002 (2 IN -24 IN)	25A0380-05	ECD#1	P1161040.D
SA50010	BA50627	S5A1333	SB002 (6 - 8 FT)	25A0380-06	ECD#1	P1161041.D
SA50010	BA50627	S5A1333	SB003 (0- 2IN)	25A0380-07	ECD#1	P1161042.D
SA50010	BA50627	S5A1333	SB003 (2 IN- 24IN)	25A0380-08	ECD#1	P1161043.D
SA50010	BA50627	S5A1333	SB003 (6 - 8FT)	25A0380-09	ECD#1	P1161044.D
SA50010	BA50627	S5A1333	SB00X	25A0380-10	ECD#1	P1161045.D
SA50010	BA50627	S5A1333	SB004 (0- 2IN)	25A0380-11	ECD#1	P1161046.D
SA50010	BA50627	S5A1333	SB004 (2 IN-24 IN)	25A0380-12	ECD#1	P1161047.D
SA50010	BA50627	S5A1333	SB004 (6- 8 FT)	25A0380-13	ECD#1	P1161048.D
SA50010	BA50627	S5A1333	SB005 (0- 2IN)	25A0380-14	ECD#1	P1161049.D
SA50010	BA50627	S5A1333	SB005 (2 IN-24 IN)	25A0380-15	ECD#1	P1161050.D
SA50010	S5A1333	S5A1333	Calibration Check	S5A1333-CCV2	ECD#1	P1161052.D
SA50010	BA50627	S5A1333	SB005 (6- 8FT)	25A0380-16	ECD#1	P1161053.D
SA50010	S5A1333	S5A1333	Calibration Check	S5A1333-CCV3	ECD#1	P1161060.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV1	ECD#1	P1161063.D
SA50010	S5A1424	S5A1424	Aroclor Reference	S5A1424-ARC1	ECD#1	P1161064.D
SA50010	BA50640	S5A1424	Blank	BA50640-BLK2	ECD#1	P1161065.D
SA50010	BA50640	S5A1424	LCS	BA50640-BS2	ECD#1	P1161066.D
SA50010	BA50640	S5A1424	SB001 (O-2 IN)	25A0380-01	ECD#1	P1161069.D
SA50010	BA50640	S5A1424	SB001(2 IN-24IN)	25A0380-02	ECD#1	P1161070.D

4.0 Analysis Issues

SA50010	BA50563	S5A1424	Equipment Blank 1/7/25	25A0380-18	ECD#1	P1161080.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV2	ECD#1	P1161083.D
SA50010	BA50640	S5A1424	SB001(2 IN-24IN)MS2	BA50640-MS2	ECD#1	P1161092.D
SA50010	BA50640	S5A1424	SB001(2 IN-24IN)MSD2	BA50640-MSD2	ECD#1	P1161093.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV3	ECD#1	P1161106.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV4	ECD#1	P1161128.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV5	ECD#1	P1161132.D

4.0 Analysis Issues

Initial calibration for ***EPA 8082A*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SA50010	ECD#1	1/8/2025 11:44:59 AM	P1160771.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
Aroclor 1221	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg

4.0 Analysis Issues

Aroclor 1248 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 [2C]	**0.00**	20	**0.0000**	0.05	Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Aroclor Reference	S5A1328-ARC1		P1160952.D
Blank	BA50563-BLK2		P1160987.D
Field Blank 1/7/25	25A0380-17		P1160990.D
Aroclor Reference	S5A1333-ARC1		P1161030.D
Blank	BA50627-BLK2		P1161033.D
SB001 (6-8 FT)	25A0380-03		P1161038.D
SB002 (0-2IN)	25A0380-04		P1161039.D
SB002 (2 IN -24 IN)	25A0380-05		P1161040.D

4.0 Analysis Issues

SB002 (6 - 8 FT)	25A0380-06	P1161041.D
SB003 (0- 2IN)	25A0380-07	P1161042.D
SB003 (2 IN- 24IN)	25A0380-08	P1161043.D
SB003 (6 - 8FT)	25A0380-09	P1161044.D
SB00X	25A0380-10	P1161045.D
SB004 (0- 2IN)	25A0380-11	P1161046.D
SB004 (2 IN-24 IN)	25A0380-12	P1161047.D
SB004 (6- 8 FT)	25A0380-13	P1161048.D
SB005 (0- 2IN)	25A0380-14	P1161049.D
SB005 (2 IN-24 IN)	25A0380-15	P1161050.D
SB005 (6- 8FT)	25A0380-16	P1161053.D
Aroclor Reference	S5A1424-ARC1	P1161064.D
Blank	BA50640-BLK2	P1161065.D
SB001 (O-2 IN)	25A0380-01	P1161069.D
SB001(2 IN-24IN)	25A0380-02	P1161070.D
Equipment Blank 1/7/25	25A0380-18	P1161080.D

York Analytical Work Order Narrative

EPA 8082A

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8082A

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50010	S5A1328	S5A1328-CCV1	P1160951.D	01/10/25 11:09
SA50010	S5A1328	S5A1328-CCV2	P1160961.D	01/10/25 13:27
SA50010	S5A1328	S5A1328-CCV3	P1160983.D	01/10/25 22:14
SA50010	S5A1328	S5A1328-CCV4	P1161005.D	01/11/25 03:18
SA50010	S5A1328	S5A1328-CCV5	P1161026.D	01/11/25 08:08
SA50010	S5A1333	S5A1333-CCV1	P1161029.D	01/12/25 11:03
SA50010	S5A1333	S5A1333-CCV2	P1161052.D	01/12/25 17:38
SA50010	S5A1333	S5A1333-CCV3	P1161060.D	01/12/25 19:28
SA50010	S5A1424	S5A1424-CCV1	P1161063.D	01/13/25 11:04
SA50010	S5A1424	S5A1424-CCV2	P1161083.D	01/13/25 15:52
SA50010	S5A1424	S5A1424-CCV3	P1161106.D	01/13/25 21:10
SA50010	S5A1424	S5A1424-CCV4	P1161128.D	01/14/25 02:14
SA50010	S5A1424	S5A1424-CCV5	P1161132.D	01/14/25 03:09

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SA50010	S5A1328-CCV1	Aroclor 1016 (1)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (3)	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (1) [2C]	ug/mL	1.03	1.00	**103**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (2) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (3) [2C]	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (4) [2C]	ug/mL	1.07	1.00	**107**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (5) [2C]	ug/mL	1.06	1.00	**106**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (1)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (2)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (3)	ug/mL	1.03	1.00	**103**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (4)	ug/mL	1.02	1.00	**102**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (5)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 [2C]	ug/mL	1.07	1.00	**107**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (1) [2C]	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (2) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (3) [2C]	ug/mL	1.07	1.00	**107**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (4) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (5) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Tetrachloro-m-xylene	ug/mL	0.228	0.160	**142**		P1160951.D
SA50010	S5A1328-CCV1	Tetrachloro-m-xylene [2C]	ug/mL	0.236	0.160	**148**		P1160951.D
SA50010	S5A1328-CCV1	Decachlorobiphenyl	ug/mL	0.243	0.160	**152**		P1160951.D
SA50010	S5A1328-CCV1	Decachlorobiphenyl [2C]	ug/mL	0.249	0.160	**156**		P1160951.D

SA50010	S5A1328-CCV2	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (2)	ug/mL	1.03	1.00	**103**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (3)	ug/mL	1.00	1.00	**100**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (4)	ug/mL	1.00	1.00	**100**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (5)	ug/mL	0.974	1.00	**97.4**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 [2C]	ug/mL	1.03	1.00	**103**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (2) [2C]	ug/mL	1.06	1.00	**106**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (3) [2C]	ug/mL	1.01	1.00	**101**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (4) [2C]	ug/mL	1.05	1.00	**105**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (5) [2C]	ug/mL	1.03	1.00	**103**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (1)	ug/mL	0.948	1.00	**94.8**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (2)	ug/mL	0.959	1.00	**95.9**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (3)	ug/mL	0.914	1.00	**91.4**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (4)	ug/mL	0.901	1.00	**90.1**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (5)	ug/mL	0.913	1.00	**91.3**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 [2C]	ug/mL	0.974	1.00	**97.4**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (1) [2C]	ug/mL	0.973	1.00	**97.3**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (2) [2C]	ug/mL	0.988	1.00	**98.8**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (3) [2C]	ug/mL	0.975	1.00	**97.5**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (4) [2C]	ug/mL	0.968	1.00	**96.8**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (5) [2C]	ug/mL	0.967	1.00	**96.7**	P1160961.D
SA50010	S5A1328-CCV2	Tetrachloro-m-xylene	ug/mL	0.225	0.160	**141**	P1160961.D
SA50010	S5A1328-CCV2	Tetrachloro-m-xylene [2C]	ug/mL	0.232	0.160	**145**	P1160961.D
SA50010	S5A1328-CCV2	Decachlorobiphenyl	ug/mL	0.230	0.160	**144**	P1160961.D
SA50010	S5A1328-CCV2	Decachlorobiphenyl [2C]	ug/mL	0.214	0.160	**134**	P1160961.D
SA50010	S5A1328-CCV3	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (3)	ug/mL	1.04	1.00	**104**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 [2C]	ug/mL	1.05	1.00	**105**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (2) [2C]	ug/mL	1.08	1.00	**108**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (3) [2C]	ug/mL	0.995	1.00	**99.5**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (4) [2C]	ug/mL	1.06	1.00	**106**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (5) [2C]	ug/mL	1.08	1.00	**108**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (1)	ug/mL	1.08	1.00	**108**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (2)	ug/mL	1.06	1.00	**106**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (3)	ug/mL	1.07	1.00	**107**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (4)	ug/mL	1.07	1.00	**107**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (5)	ug/mL	1.10	1.00	**110**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 [2C]	ug/mL	1.11	1.00	**111**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (1) [2C]	ug/mL	1.05	1.00	**105**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (2) [2C]	ug/mL	1.11	1.00	**111**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (3) [2C]	ug/mL	1.11	1.00	**111**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (4) [2C]	ug/mL	1.12	1.00	**112**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (5) [2C]	ug/mL	1.14	1.00	**114**	P1160983.D
SA50010	S5A1328-CCV3	Tetrachloro-m-xylene	ug/mL	0.228	0.160	**142**	P1160983.D

SA50010	S5A1328-CCV3	Tetrachloro-m-xylene [2C]	ug/mL	0.232	0.160	**145**	P1160983.D
SA50010	S5A1328-CCV3	Decachlorobiphenyl	ug/mL	0.264	0.160	**165**	P1160983.D
SA50010	S5A1328-CCV3	Decachlorobiphenyl [2C]	ug/mL	0.265	0.160	**166**	P1160983.D
SA50010	S5A1328-CCV4	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (2)	ug/mL	1.05	1.00	**105**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (3)	ug/mL	1.02	1.00	**102**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (4)	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (5)	ug/mL	1.03	1.00	**103**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 [2C]	ug/mL	1.02	1.00	**102**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (1) [2C]	ug/mL	1.00	1.00	**100**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (2) [2C]	ug/mL	1.05	1.00	**105**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (3) [2C]	ug/mL	0.981	1.00	**98.1**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (4) [2C]	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (1)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (2)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (3)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (4)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (5)	ug/mL	1.09	1.00	**109**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 [2C]	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (1) [2C]	ug/mL	1.01	1.00	**101**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (2) [2C]	ug/mL	1.07	1.00	**107**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (3) [2C]	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (4) [2C]	ug/mL	1.07	1.00	**107**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (5) [2C]	ug/mL	1.11	1.00	**111**	P1161005.D
SA50010	S5A1328-CCV4	Tetrachloro-m-xylene	ug/mL	0.226	0.160	**141**	P1161005.D
SA50010	S5A1328-CCV4	Tetrachloro-m-xylene [2C]	ug/mL	0.225	0.160	**141**	P1161005.D
SA50010	S5A1328-CCV4	Decachlorobiphenyl	ug/mL	0.262	0.160	**164**	P1161005.D
SA50010	S5A1328-CCV4	Decachlorobiphenyl [2C]	ug/mL	0.257	0.160	**161**	P1161005.D
SA50010	S5A1328-CCV5	Aroclor 1016 (1)	ug/mL	1.05	1.00	**105**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (2)	ug/mL	1.07	1.00	**107**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (3)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (1) [2C]	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (2) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (3) [2C]	ug/mL	1.01	1.00	**101**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (4) [2C]	ug/mL	1.07	1.00	**107**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (5) [2C]	ug/mL	1.08	1.00	**108**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (1)	ug/mL	1.06	1.00	**106**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (2)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (3)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (4)	ug/mL	1.05	1.00	**105**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (5)	ug/mL	1.06	1.00	**106**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 [2C]	ug/mL	1.08	1.00	**108**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (1) [2C]	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (2) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (3) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D

SA50010	S5A1328-CCV5	Aroclor 1260 (4) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (5) [2C]	ug/mL	1.11	1.00	**111**	P1161026.D
SA50010	S5A1328-CCV5	Tetrachloro-m-xylene	ug/mL	0.228	0.160	**142**	P1161026.D
SA50010	S5A1328-CCV5	Tetrachloro-m-xylene [2C]	ug/mL	0.236	0.160	**148**	P1161026.D
SA50010	S5A1328-CCV5	Decachlorobiphenyl	ug/mL	0.252	0.160	**158**	P1161026.D
SA50010	S5A1328-CCV5	Decachlorobiphenyl [2C]	ug/mL	0.254	0.160	**159**	P1161026.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50010	S5A1328	S5A1328-ARC1	Aroclor Reference		P1160952.D
SA50010	S5A1328	BA50563-BLK2	Blank		P1160987.D
SA50010	S5A1328	BA50563-BS2	LCS		P1160989.D
SA50010	S5A1328	25A0380-17	Field Blank 1/7/25		P1160990.D

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
ARO	BA50563	S5A1328	ECD#1	BA50563-BLK2	P1160987.D
ARO	BA50627	S5A1333	ECD#1	BA50627-BLK2	P1161033.D
ARO	BA50640	S5A1424	ECD#1	BA50640-BLK2	P1161065.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50010	5A1328	BA50563-BS2	LCS	P1160989.D
SA50010	5A1333	BA50627-BS2	LCS	P1161034.D
SA50010	5A1424	BA50640-BS2	LCS	P1161066.D

York Analytical Work Order Narrative

EPA 8082A

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
ARO	**SA50010**	BA50627	S5A1333	SB003 (6 - 8FT)MS2	25A0380-09	SB003 (6 - 8FT)	BA50627-MS2
ARO	**SA50010**	BA50627	S5A1333	SB003 (6 - 8FT)MSD2	25A0380-09	SB003 (6 - 8FT)	BA50627-MSD2
ARO	**SA50010**	BA50640	S5A1424	SB001(2 IN-24IN)MS2	25A0380-02	SB001(2 IN-24IN)	BA50640-MS2
ARO	**SA50010**	BA50640	S5A1424	SB001(2 IN-24IN)MSD2	25A0380-02	SB001(2 IN-24IN)	BA50640-MSD2

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1424	SB001(2 IN-24IN)	BA50640-MS2	Tetrachloro-m-xylene	mg/kg dry		127		30 - 120	
S5A1424	SB001(2 IN-24IN)	BA50640-MSD2	Aroclor 1016	mg/kg dry	68.7	39.2	54.6	40 - 140	50
S5A1424	SB001(2 IN-24IN)	BA50640-MSD2	Aroclor 1016 [2C]	mg/kg dry	69.3	39.9	53.8	40 - 140	50

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1424	SB001(2 IN-24IN)MSD2	25A0380-02	BA50640-MSD2	Aroclor 1016	54.6	50	QM-05
S5A1424	SB001(2 IN-24IN)MSD2	25A0380-02	BA50640-MSD2	Aroclor 1016 [2C]	53.8	50	QM-05, QR-03

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8082A

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50010	Equipment Blank 1/7/25	25A0380-18	Tetrachloro-m-xylene [2C]	**28**	30 - 120
SA50010	Blank	BA50563-BLK2	Tetrachloro-m-xylene [2C]	**24.5**	30 - 120
SA50010	LCS	BA50563-BS2	Tetrachloro-m-xylene [2C]	**27.5**	30 - 120
SA50010	SB002 (6 - 8 FT)	25A0380-06	Decachlorobiphenyl	**27.5**	30 - 120
SA50010	Matrix Spike	BA50640-MS2	Tetrachloro-m-xylene	**127**	30 - 120
SA50010	Calibration Check	S5A1328-CCV1	Tetrachloro-m-xylene	**142**	-
SA50010	Calibration Check	S5A1328-CCV1	Tetrachloro-m-xylene [2C]	**148**	-
SA50010	Calibration Check	S5A1328-CCV1	Decachlorobiphenyl	**152**	-
SA50010	Calibration Check	S5A1328-CCV1	Decachlorobiphenyl [2C]	**156**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Tetrachloro-m-xylene	**120**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Tetrachloro-m-xylene [2C]	**122**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Decachlorobiphenyl	**98.5**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Decachlorobiphenyl [2C]	**102**	-
SA50010	Calibration Check	S5A1328-CCV2	Tetrachloro-m-xylene	**141**	-
SA50010	Calibration Check	S5A1328-CCV2	Tetrachloro-m-xylene [2C]	**145**	-
SA50010	Calibration Check	S5A1328-CCV2	Decachlorobiphenyl	**144**	-
SA50010	Calibration Check	S5A1328-CCV2	Decachlorobiphenyl [2C]	**134**	-
SA50010	Calibration Check	S5A1328-CCV3	Tetrachloro-m-xylene	**142**	-
SA50010	Calibration Check	S5A1328-CCV3	Tetrachloro-m-xylene [2C]	**145**	-
SA50010	Calibration Check	S5A1328-CCV3	Decachlorobiphenyl	**165**	-
SA50010	Calibration Check	S5A1328-CCV3	Decachlorobiphenyl [2C]	**166**	-
SA50010	Calibration Check	S5A1328-CCV4	Tetrachloro-m-xylene	**141**	-
SA50010	Calibration Check	S5A1328-CCV4	Tetrachloro-m-xylene [2C]	**141**	-
SA50010	Calibration Check	S5A1328-CCV4	Decachlorobiphenyl	**164**	-
SA50010	Calibration Check	S5A1328-CCV4	Decachlorobiphenyl [2C]	**161**	-
SA50010	Calibration Check	S5A1328-CCV5	Tetrachloro-m-xylene	**142**	-
SA50010	Calibration Check	S5A1328-CCV5	Tetrachloro-m-xylene [2C]	**148**	-
SA50010	Calibration Check	S5A1328-CCV5	Decachlorobiphenyl	**158**	-
SA50010	Calibration Check	S5A1328-CCV5	Decachlorobiphenyl [2C]	**159**	-
SA50010	Aroclor Reference	S5A1333-ARC1	Tetrachloro-m-xylene	**119**	-
SA50010	Aroclor Reference	S5A1333-ARC1	Tetrachloro-m-xylene [2C]	**120**	-
SA50010	Aroclor Reference	S5A1333-ARC1	Decachlorobiphenyl	**104**	-
SA50010	Aroclor Reference	S5A1333-ARC1	Decachlorobiphenyl [2C]	**98**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Tetrachloro-m-xylene	**121**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Tetrachloro-m-xylene [2C]	**118**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Decachlorobiphenyl	**108**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Decachlorobiphenyl [2C]	**102**	-

4.0 Analysis Issues

EPA 8151A

HERB, 8151 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40037

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40037	S4K2404	S4K2404	Secondary Cal Check	S4K2404-SCV1	GCECD4	PS472454.d
SK40037	S5A1201	S5A1201	Calibration Check	S5A1201-CCV1	GCECD4	PS473595.d
SK40037	BA50466	S5A1201	Blank	BA50466-BLK1	GCECD4	PS473597.d
SK40037	BA50466	S5A1201	LCS	BA50466-BS1	GCECD4	PS473598.d
SK40037	BA50466	S5A1201	SB003 (6 - 8FT)	25A0380-09	GCECD4	PS473608.d
SK40037	BA50466	S5A1201	SB00X	25A0380-10	GCECD4	PS473609.d
SK40037	BA50466	S5A1201	SB004 (0- 2IN)	25A0380-11	GCECD4	PS473610.d
SK40037	BA50466	S5A1201	SB004 (2 IN-24 IN)	25A0380-12	GCECD4	PS473611.d
SK40037	BA50466	S5A1201	SB004 (6- 8 FT)	25A0380-13	GCECD4	PS473612.d
SK40037	BA50466	S5A1201	SB005 (0- 2IN)	25A0380-14	GCECD4	PS473613.d
SK40037	BA50466	S5A1201	SB005 (2 IN-24 IN)	25A0380-15	GCECD4	PS473614.d
SK40037	BA50466	S5A1201	SB005 (6- 8FT)	25A0380-16	GCECD4	PS473615.d
SK40037	S5A1201	S5A1201	Calibration Check	S5A1201-CCV2	GCECD4	PS473619.d
SK40037	S5A1209	S5A1209	Calibration Check	S5A1209-CCV1	GCECD4	PS473647.d
SK40037	BA50564	S5A1209	Blank	BA50564-BLK1	GCECD4	PS473653.d
SK40037	BA50564	S5A1209	LCS	BA50564-BS1	GCECD4	PS473654.d
SK40037	BA50564	S5A1209	SB001(2 IN-24IN)MS1	BA50564-MS1	GCECD4	PS473655.d
SK40037	BA50564	S5A1209	SB001(2 IN-24IN)MSD1	BA50564-MSD1	GCECD4	PS473656.d
SK40037	BA50564	S5A1209	SB001 (O-2 IN)	25A0380-01	GCECD4	PS473659.d
SK40037	BA50564	S5A1209	SB001(2 IN-24IN)	25A0380-02	GCECD4	PS473660.d
SK40037	BA50564	S5A1209	SB001 (6-8 FT)	25A0380-03	GCECD4	PS473661.d
SK40037	BA50564	S5A1209	SB002 (0-2IN)	25A0380-04	GCECD4	PS473662.d
SK40037	BA50564	S5A1209	SB002 (2 IN -24 IN)	25A0380-05	GCECD4	PS473663.d
SK40037	BA50564	S5A1209	SB002 (6 - 8 FT)	25A0380-06	GCECD4	PS473664.d
SK40037	BA50564	S5A1209	SB003 (0- 2IN)	25A0380-07	GCECD4	PS473665.d
SK40037	BA50564	S5A1209	SB003 (2 IN- 24IN)	25A0380-08	GCECD4	PS473666.d
SK40037	S5A1209	S5A1209	Calibration Check	S5A1209-CCV2	GCECD4	PS473671.d
SK40037	S5A1209	S5A1209	Calibration Check	S5A1209-CCV3	GCECD4	PS473683.d
SK40037	S5A1209	S5A1209	Calibration Check	S5A1209-CCV4	GCECD4	PS473705.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV1	GCECD4	PS473716.d
SK40037	BA50675	S5A1444	Blank	BA50675-BLK1	GCECD4	PS473717.d
SK40037	BA50675	S5A1444	LCS	BA50675-BS1	GCECD4	PS473718.d
SK40037	BA50675	S5A1444	Field Blank 1/7/25	25A0380-17	GCECD4	PS473721.d
SK40037	BA50675	S5A1444	Equipment Blank 1/7/25	25A0380-18	GCECD4	PS473722.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV2	GCECD4	PS473737.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV3	GCECD4	PS473746.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV4	GCECD4	PS473766.d

4.0 Analysis Issues

SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV5	GCECD4	PS473787.d

Initial calibration for ***EPA 8151A*** ***met method guidelines.***

EPA 8151A

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8151A
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40037	S5A1201	S5A1201-CCV1	PS473595.d	01/11/25 15:36
SK40037	S5A1201	S5A1201-CCV2	PS473619.d	01/11/25 18:46
SK40037	S5A1209	S5A1209-CCV1	PS473647.d	01/12/25 08:01
SK40037	S5A1209	S5A1209-CCV2	PS473671.d	01/12/25 10:52
SK40037	S5A1209	S5A1209-CCV3	PS473683.d	01/12/25 12:18
SK40037	S5A1209	S5A1209-CCV4	PS473705.d	01/12/25 16:14
SK40037	S5A1444	S5A1444-CCV1	PS473716.d	01/14/25 09:20
SK40037	S5A1444	S5A1444-CCV2	PS473737.d	01/14/25 14:12
SK40037	S5A1444	S5A1444-CCV3	PS473746.d	01/14/25 15:16
SK40037	S5A1444	S5A1444-CCV4	PS473766.d	01/14/25 17:40
SK40037	S5A1444	S5A1444-CCV5	PS473787.d	01/14/25 20:10

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 8151A

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
HERB	BA50466	S5A1201	GCECD4	BA50466-BLK1	PS473597.d
HERB	BA50564	S5A1209	GCECD4	BA50564-BLK1	PS473653.d
HERB	BA50675	S5A1444	GCECD4	BA50675-BLK1	PS473717.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40037	5A1201	BA50466-BS1	LCS	PS473598.d
SK40037	5A1209	BA50564-BS1	LCS	PS473654.d
SK40037	5A1444	BA50675-BS1	LCS	PS473718.d

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1209	LCS	BA50564-BS1	2,4,5-T		**125**		10 - 120	
S5A1209	LCS	BA50564-BS1	2,4,5-T [2C]		**136**		10 - 120	
S5A1209	LCS	BA50564-BS1	2,4,5-TP (Silvex)		**121**		10 - 120	
S5A1209	LCS	BA50564-BS1	2,4,5-TP (Silvex) [2C]		**122**		10 - 120	
S5A1209	LCS	BA50564-BS1	2,4-D [2C]		**138**		10 - 118	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50564	BA50564-MS1	Matrix Spike	SB001(2 IN-24IN)
BA50564	BA50564-MSD1	Matrix Spike Dup	SB001(2 IN-24IN)

EPA 8151A

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
HERB	**SK40037**	BA50564	S5A1209	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50564-MS1
HERB	**SK40037**	BA50564	S5A1209	SB001(2 IN-24IN)MSD1	25A0380-02	SB001(2 IN-24IN)	BA50564-MSD1

Dilutions: No sample dilutions were required.

EPA 8151A

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SK40037	SB00X	25A0380-10	2,4-Dichlorophenylacetic acid (DCAA)	**17.8**	21 - 150
SK40037	SB00X	25A0380-10	2,4-Dichlorophenylacetic acid (DCAA) [2C]	**18.4**	21 - 150

4.0 Analysis Issues

EPA 6010D

Metals, Target Analyte

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte	S5A1023	S5A1023	Initial Cal Check	S5A1023-ICV1	ICP5900-01	QBI011025B-006
Metals, Target Analyte	S5A1023	S5A1023	Initial Cal Blank	S5A1023-ICB1	ICP5900-01	QBI011025B-007
Metals, Target Analyte	S5A1023	S5A1023	Instrument RL Check	S5A1023-CRL1	ICP5900-01	QBI011025B-008
Metals, Target Analyte	S5A1023	S5A1023	Interference Check A	S5A1023-IFA1	ICP5900-01	QBI011025B-010
Metals, Target Analyte	S5A1023	S5A1023	Interference Check B	S5A1023-IFB1	ICP5900-01	QBI011025B-011
Metals, Target Analyte	S5A1023	S5A1023	Calibration Check	S5A1023-CCV1	ICP5900-01	QBI011025B-012
Metals, Target Analyte	S5A1023	S5A1023	Calibration Blank	S5A1023-CCB1	ICP5900-01	QBI011025B-013
Metals, Target Analyte	S5A1023	S5A1023	Calibration Check	S5A1023-CCV6	ICP5900-01	QBI011025B-074
Metals, Target Analyte	S5A1023	S5A1023	Calibration Blank	S5A1023-CCB6	ICP5900-01	QBI011025B-075
Metals, Target Analyte	BA50506	S5A1023	Blank	BA50506-BLK1	ICP5900-01	QBI011025B-076
Metals, Target Analyte	BA50506	S5A1023	Reference	BA50506-SRM1	ICP5900-01	QBI011025B-077
Metals, Target Analyte	S5A1023	S5A1023	Calibration Check	S5A1023-CCV7	ICP5900-01	QBI011025B-086
Metals, Target Analyte	S5A1023	S5A1023	Calibration Blank	S5A1023-CCB7	ICP5900-01	QBI011025B-087
Metals, Target Analyte	BA50506	S5A1023	SB001 (O-2 IN)	25A0380-01	ICP5900-01	QBI011025B-090
Metals, Target Analyte	BA50506	S5A1023	SB001(2 IN-24IN)	25A0380-02	ICP5900-01	QBI011025B-091
Metals, Target Analyte	BA50506	S5A1023	SB001(2 IN-24IN)DUP1	BA50506-DUP1	ICP5900-01	QBI011025B-092
Metals, Target Analyte	BA50506	S5A1023	SB001(2 IN-24IN)MS1	BA50506-MS1	ICP5900-01	QBI011025B-093
Metals, Target Analyte	BA50506	S5A1023	Post Spike	BA50506-PS1	ICP5900-01	QBI011025B-094
Metals, Target Analyte	S5A1023	S5A1023	Serial Dilution	S5A1023-SRD4	ICP5900-01	QBI011025B-095
Metals, Target Analyte	BA50506	S5A1023	SB001 (6-8 FT)	25A0380-03	ICP5900-01	QBI011025B-096
Metals, Target Analyte	BA50506	S5A1023	SB002 (0-2IN)	25A0380-04	ICP5900-01	QBI011025B-097
Metals, Target Analyte	S5A1023	S5A1023	Calibration Check	S5A1023-CCV8	ICP5900-01	QBI011025B-098
Metals, Target Analyte	S5A1023	S5A1023	Calibration Blank	S5A1023-CCB8	ICP5900-01	QBI011025B-099
Metals, Target Analyte	BA50506	S5A1023	SB002 (2 IN -24 IN)	25A0380-05	ICP5900-01	QBI011025B-100
Metals, Target Analyte	BA50506	S5A1023	SB002 (6 - 8 FT)	25A0380-06	ICP5900-01	QBI011025B-101
Metals, Target Analyte	S5A1023	S5A1023	Calibration Check	S5A1023-CCV9	ICP5900-01	QBI011025B-110
Metals, Target Analyte	S5A1023	S5A1023	Calibration Blank	S5A1023-CCB9	ICP5900-01	QBI011025B-111
Metals, Target Analyte	S5A1024	S5A1024	Initial Cal Check	S5A1024-ICV1	ICP5900-01	QBI011025B-006
Metals, Target Analyte	S5A1024	S5A1024	Initial Cal Blank	S5A1024-ICB1	ICP5900-01	QBI011025B-007
Metals, Target Analyte	S5A1024	S5A1024	Instrument RL Check	S5A1024-CRL1	ICP5900-01	QBI011025B-008
Metals, Target Analyte	S5A1024	S5A1024	Interference Check A	S5A1024-IFA1	ICP5900-01	QBI011025B-010
Metals, Target Analyte	S5A1024	S5A1024	Interference Check B	S5A1024-IFB1	ICP5900-01	QBI011025B-011

4.0 Analysis Issues

Metals, Target Analyte	S5A1024	S5A1024	Calibration Check	S5A1024-CCV1	ICP5900-01	QBI011025B-012
Metals, Target Analyte	S5A1024	S5A1024	Calibration Blank	S5A1024-CCB1	ICP5900-01	QBI011025B-013
Metals, Target Analyte	S5A1024	S5A1024	Calibration Check	S5A1024-CCV8	ICP5900-01	QBI011025B-098
Metals, Target Analyte	S5A1024	S5A1024	Calibration Blank	S5A1024-CCB8	ICP5900-01	QBI011025B-099
Metals, Target Analyte	BA50518	S5A1024	Blank	BA50518-BLK1	ICP5900-01	QBI011025B-107
Metals, Target Analyte	BA50518	S5A1024	Reference	BA50518-SRM1	ICP5900-01	QBI011025B-108
Metals, Target Analyte	BA50518	S5A1024	SB003 (0- 2IN)	25A0380-07	ICP5900-01	QBI011025B-109
Metals, Target Analyte	S5A1024	S5A1024	Calibration Check	S5A1024-CCV9	ICP5900-01	QBI011025B-110
Metals, Target Analyte	S5A1024	S5A1024	Calibration Blank	S5A1024-CCB9	ICP5900-01	QBI011025B-111
Metals, Target Analyte	BA50518	S5A1024	SB003 (2 IN- 24IN)	25A0380-08	ICP5900-01	QBI011025B-112
Metals, Target Analyte	BA50518	S5A1024	SB003 (6 - 8FT)	25A0380-09	ICP5900-01	QBI011025B-113
Metals, Target Analyte	BA50518	S5A1024	SB00X	25A0380-10	ICP5900-01	QBI011025B-114
Metals, Target Analyte	BA50518	S5A1024	SB004 (0- 2IN)	25A0380-11	ICP5900-01	QBI011025B-115
Metals, Target Analyte	BA50518	S5A1024	SB004 (2 IN-24 IN)	25A0380-12	ICP5900-01	QBI011025B-116
Metals, Target Analyte	BA50518	S5A1024	SB004 (6- 8 FT)	25A0380-13	ICP5900-01	QBI011025B-117
Metals, Target Analyte	BA50518	S5A1024	SB004 (6- 8 FT)DUP1	BA50518-DUP1	ICP5900-01	QBI011025B-118
Metals, Target Analyte	BA50518	S5A1024	SB004 (6- 8 FT)MS1	BA50518-MS1	ICP5900-01	QBI011025B-119
Metals, Target Analyte	BA50518	S5A1024	Post Spike	BA50518-PS1	ICP5900-01	QBI011025B-120
Metals, Target Analyte	S5A1024	S5A1024	Serial Dilution	S5A1024-SRD5	ICP5900-01	QBI011025B-121
Metals, Target Analyte	S5A1024	S5A1024	Calibration Check	S5A1024-CCVA	ICP5900-01	QBI011025B-122
Metals, Target Analyte	S5A1024	S5A1024	Calibration Blank	S5A1024-CCBA	ICP5900-01	QBI011025B-123
Metals, Target Analyte	S5A1024	S5A1024	Calibration Check	S5A1024-CCVB	ICP5900-01	QBI011025B-134
Metals, Target Analyte	S5A1024	S5A1024	Calibration Blank	S5A1024-CCBB	ICP5900-01	QBI011025B-135
Metals, Target Analyte	S5A1319	S5A1319	Initial Cal Check	S5A1319-ICV1	ICP5900-01	QBI011325A-006
Metals, Target Analyte	S5A1319	S5A1319	Initial Cal Blank	S5A1319-ICB1	ICP5900-01	QBI011325A-007
Metals, Target Analyte	S5A1319	S5A1319	Instrument RL Check	S5A1319-CRL1	ICP5900-01	QBI011325A-008
Metals, Target Analyte	S5A1319	S5A1319	Interference Check A	S5A1319-IFA1	ICP5900-01	QBI011325A-010
Metals, Target Analyte	S5A1319	S5A1319	Interference Check B	S5A1319-IFB1	ICP5900-01	QBI011325A-011
Metals, Target Analyte	S5A1319	S5A1319	Calibration Check	S5A1319-CCV1	ICP5900-01	QBI011325A-012
Metals, Target Analyte	S5A1319	S5A1319	Calibration Blank	S5A1319-CCB1	ICP5900-01	QBI011325A-013
Metals, Target Analyte	BA50645	S5A1319	Blank	BA50645-BLK1	ICP5900-01	QBI011325A-014
Metals, Target Analyte	BA50645	S5A1319	Reference	BA50645-SRM1	ICP5900-01	QBI011325A-015
Metals, Target Analyte	BA50645	S5A1319	SB005 (0- 2IN)	25A0380-14	ICP5900-01	QBI011325A-021
Metals, Target Analyte	BA50645	S5A1319	SB005 (2 IN-24 IN)	25A0380-15	ICP5900-01	QBI011325A-022
Metals, Target Analyte	BA50645	S5A1319	SB005 (6- 8FT)	25A0380-16	ICP5900-01	QBI011325A-023
Metals, Target Analyte	S5A1319	S5A1319	Calibration Check	S5A1319-CCV2	ICP5900-01	QBI011325A-024
Metals, Target Analyte	S5A1319	S5A1319	Calibration Blank	S5A1319-CCB2	ICP5900-01	QBI011325A-025

4.0 Analysis Issues

Initial calibration for	*EPA 6010D*	*met method guidelines.*

York Analytical Work Order Narrative

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte	S5A1023	S5A1023-CCV1	QBI011025B-012	01/10/25 10:31
Metals, Target Analyte	S5A1023	S5A1023-CCV6	QBI011025B-074	01/10/25 11:53
Metals, Target Analyte	S5A1023	S5A1023-CCV7	QBI011025B-086	01/10/25 12:10
Metals, Target Analyte	S5A1023	S5A1023-CCV8	QBI011025B-098	01/10/25 12:26
Metals, Target Analyte	S5A1023	S5A1023-CCV9	QBI011025B-110	01/10/25 12:54
Metals, Target Analyte	S5A1023	S5A1023-ICV1	QBI011025B-006	01/10/25 10:21
Metals, Target Analyte	S5A1024	S5A1024-CCV1	QBI011025B-012	01/10/25 10:31
Metals, Target Analyte	S5A1024	S5A1024-CCV8	QBI011025B-098	01/10/25 12:26
Metals, Target Analyte	S5A1024	S5A1024-CCV9	QBI011025B-110	01/10/25 12:54
Metals, Target Analyte	S5A1024	S5A1024-CCVA	QBI011025B-122	01/10/25 13:10
Metals, Target Analyte	S5A1024	S5A1024-CCVB	QBI011025B-134	01/10/25 14:46
Metals, Target Analyte	S5A1024	S5A1024-ICV1	QBI011025B-006	01/10/25 10:21
Metals, Target Analyte	S5A1319	S5A1319-CCV1	QBI011325A-012	01/13/25 10:59
Metals, Target Analyte	S5A1319	S5A1319-CCV2	QBI011325A-024	01/13/25 11:18
Metals, Target Analyte	S5A1319	S5A1319-ICV1	QBI011325A-006	01/13/25 10:48

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
Metals, Target Analyte	S5A1023-CCV8	Selenium	ug/mL	0.554	0.500	**111**	90	110	QBI011025B-098
Metals, Target Analyte	S5A1023-CCV9	Selenium	ug/mL	0.554	0.500	**111**	90	110	QBI011025B-110
Metals, Target Analyte	S5A1024-CCV8	Selenium	ug/mL	0.554	0.500	**111**	90	110	QBI011025B-098
Metals, Target Analyte	S5A1024-CCV9	Selenium	ug/mL	0.554	0.500	**111**	90	110	QBI011025B-110

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
Metals, Target An	S5A1023	S5A1023-IFB1	Interference Check B		QBI011025B-011
Metals, Target An	S5A1024	S5A1024-IFB1	Interference Check B		QBI011025B-011
Metals, Target An	S5A1023	BA50506-SRM1	Reference		QBI011025B-077
Metals, Target An	S5A1023	BA50506-MS1	Matrix Spike	SB001(2 IN-24IN)	QBI011025B-093
Metals, Target An	S5A1023	BA50506-PS1	Post Spike	SB001(2 IN-24IN)	QBI011025B-094
Metals, Target An	S5A1024	BA50518-SRM1	Reference		QBI011025B-108
Metals, Target An	S5A1024	BA50518-MS1	Matrix Spike	SB004 (6- 8 FT)	QBI011025B-119
Metals, Target An	S5A1024	BA50518-PS1	Post Spike	SB004 (6- 8 FT)	QBI011025B-120

York Analytical Work Order Narrative

EPA 6010D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50506	S5A1023	ICP5900-01	BA50506-BLK1	QBI011025B-076
METALS	BA50518	S5A1024	ICP5900-01	BA50518-BLK1	QBI011025B-107
METALS	BA50645	S5A1319	ICP5900-01	BA50645-BLK1	QBI011325A-014

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1024	Blank	BA50518-BLK1	Soil	Potassium	5.43	4.17	mg/kg wet

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA50518	25A0380-07	SB003 (0- 2IN)	QBI011025B-109
BA50518	25A0380-08	SB003 (2 IN- 24IN)	QBI011025B-112
BA50518	25A0380-09	SB003 (6 - 8FT)	QBI011025B-113
BA50518	25A0380-10	SB00X	QBI011025B-114
BA50518	25A0380-11	SB004 (0- 2IN)	QBI011025B-115
BA50518	25A0380-12	SB004 (2 IN-24 IN)	QBI011025B-116
BA50518	25A0380-13	SB004 (6- 8 FT)	QBI011025B-117
BA50518	BA50518-DUP1	Duplicate	QBI011025B-118
BA50518	BA50518-MS1	Matrix Spike	QBI011025B-119
BA50518	BA50518-PS1	Post Spike	QBI011025B-120
BA50518	BA50518-SRM1	Reference	QBI011025B-108

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte	5A1023	BA50506-SRM1	Reference	QBI011025B-077
Metals, Target Analyte	5A1024	BA50518-SRM1	Reference	QBI011025B-108
Metals, Target Analyte	5A1319	BA50645-SRM1	Reference	QBI011325A-015

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1023	Reference	BA50506-SRM	Manganese		**121**		73. - 107.3	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50506	25A0380-01	SB001 (O-2 IN)	
BA50506	25A0380-02	SB001(2 IN-24IN)	
BA50506	25A0380-03	SB001 (6-8 FT)	
BA50506	25A0380-04	SB002 (0-2IN)	
BA50506	25A0380-05	SB002 (2 IN -24 IN)	
BA50506	25A0380-06	SB002 (6 - 8 FT)	
BA50506	BA50506-DUP1	Duplicate	SB001(2 IN-24IN)
BA50506	BA50506-MS1	Matrix Spike	SB001(2 IN-24IN)
BA50506	BA50506-PS1	Post Spike	SB001(2 IN-24IN)
BA50506	BA50506-SRM1	Reference	
S5A1023	S5A1023-IFB1	Interference Check B	

S5A1023	S5A1023-SRD4	Serial Dilution	SB001(2 IN-24IN)

EPA 6010D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
METALS	**Metals, Target**	BA50506	S5A1023	SB001(2 IN-24IN)DUP1	25A0380-02	SB001(2 IN-24IN)	BA50506-DUP1
METALS	**Metals, Target**	BA50506	S5A1023	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50506-MS1
METALS	**Metals, Target**	BA50518	S5A1024	SB004 (6- 8 FT)DUP1	25A0380-13	SB004 (6- 8 FT)	BA50518-DUP1
METALS	**Metals, Target**	BA50518	S5A1024	SB004 (6- 8 FT)MS1	25A0380-13	SB004 (6- 8 FT)	BA50518-MS1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1023	SB001(2 IN-24IN)	BA50506-MS1	Aluminum	mg/kg dry		898		75 - 125	
S5A1023	SB001(2 IN-24IN)	BA50506-MS1	Antimony	mg/kg dry		36.9		75 - 125	
S5A1023	SB001(2 IN-24IN)	BA50506-MS1	Calcium	mg/kg dry		217		75 - 125	
S5A1023	SB001(2 IN-24IN)	BA50506-MS1	Iron	mg/kg dry		426		75 - 125	
S5A1023	SB001(2 IN-24IN)	BA50506-MS1	Magnesium	mg/kg dry		410		75 - 125	
S5A1023	SB001(2 IN-24IN)	BA50506-MS1	Potassium	mg/kg dry		147		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Aluminum	mg/kg dry		315		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Antimony	mg/kg dry		69.5		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Calcium	mg/kg dry		174		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Iron	mg/kg dry		1310		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Magnesium	mg/kg dry		349		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Manganese	mg/kg dry		140		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Potassium	mg/kg dry		258		75 - 125	
S5A1024	SB004 (6- 8 FT)	BA50518-MS1	Sodium	mg/kg dry		137		75 - 125	

Dilutions: No sample dilutions were required.

EPA 6010D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6010D

Metals, Target Analyte, ICP

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte, ICP

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte, ICP	S5A1405	S5A1405	Initial Cal Check	S5A1405-ICV1	ICP5900-01	QBI011325A-006
Metals, Target Analyte, ICP	S5A1405	S5A1405	Initial Cal Blank	S5A1405-ICB1	ICP5900-01	QBI011325A-007
Metals, Target Analyte, ICP	S5A1405	S5A1405	Instrument RL Check	S5A1405-CRL1	ICP5900-01	QBI011325A-008
Metals, Target Analyte, ICP	S5A1405	S5A1405	Interference Check A	S5A1405-IFA1	ICP5900-01	QBI011325A-010
Metals, Target Analyte, ICP	S5A1405	S5A1405	Interference Check B	S5A1405-IFB1	ICP5900-01	QBI011325A-011
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Check	S5A1405-CCV1	ICP5900-01	QBI011325A-012
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Blank	S5A1405-CCB1	ICP5900-01	QBI011325A-013
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Check	S5A1405-CCVC	ICP5900-01	QBI011325A-135
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Blank	S5A1405-CCBC	ICP5900-01	QBI011325A-136
Metals, Target Analyte, ICP	BA50687	S5A1405	Blank	BA50687-BLK1	ICP5900-01	QBI011325A-137
Metals, Target Analyte, ICP	BA50687	S5A1405	LCS	BA50687-BS1	ICP5900-01	QBI011325A-138
Metals, Target Analyte, ICP	BA50687	S5A1405	Field Blank 1/7/25	25A0380-17	ICP5900-01	QBI011325A-139
Metals, Target Analyte, ICP	BA50687	S5A1405	Equipment Blank 1/7/25	25A0380-18	ICP5900-01	QBI011325A-140
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Check	S5A1405-CCVD	ICP5900-01	QBI011325A-146
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Blank	S5A1405-CCBD	ICP5900-01	QBI011325A-147

Initial calibration for EPA 6010D met method guidelines.

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte, ICP	S5A1405	S5A1405-CCV1	QBI011325A-012	01/13/25 10:59
Metals, Target Analyte, ICP	S5A1405	S5A1405-CCVC	QBI011325A-135	01/13/25 15:17
Metals, Target Analyte, ICP	S5A1405	S5A1405-CCVD	QBI011325A-146	01/13/25 15:55
Metals, Target Analyte, ICP	S5A1405	S5A1405-ICV1	QBI011325A-006	01/13/25 10:48

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 6010D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50687	S5A1405	ICP5900-01	BA50687-BLK1	QBI011325A-137

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte, ICP	5A1405	BA50687-BS1	LCS	QBI011325A-138

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1405	LCS	BA50687-BS1	Sodium		**134**		80 - 120	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50687	25A0380-17	Field Blank 1/7/25	
BA50687	25A0380-18	Equipment Blank 1/7	
S5A1405	S5A1405-ICB1	Initial Cal Blank	
S5A1405	S5A1405-IFA1	Interference Check A	
S5A1405	S5A1405-IFB1	Interference Check B	

EPA 6010D

Dilutions: No sample dilutions were required.

EPA 6010D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6020B

Metals, Target Analyte, ICPMS

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte, ICPMS

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Initial Cal Check	S5A1503-ICV1	Nexion2000C	QBIMX011425C-008
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Initial Cal Blank	S5A1503-ICB1	Nexion2000C	QBIMX011425C-010
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Check	S5A1503-CCV1	Nexion2000C	QBIMX011425C-011
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Blank	S5A1503-CCB1	Nexion2000C	QBIMX011425C-012
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Instrument RL Check	S5A1503-CRL1	Nexion2000C	QBIMX011425C-013
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Interference Check A	S5A1503-IFA1	Nexion2000C	QBIMX011425C-015
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Interference Check B	S5A1503-IFB1	Nexion2000C	QBIMX011425C-016
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Check	S5A1503-CCV2	Nexion2000C	QBIMX011425C-017
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Blank	S5A1503-CCB2	Nexion2000C	QBIMX011425C-018
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Check	S5A1503-CCV3	Nexion2000C	QBIMX011425C-029
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Blank	S5A1503-CCB3	Nexion2000C	QBIMX011425C-030
Metals, Target Analyte, ICPMS	BA50686	S5A1503	Blank	BA50686-BLK1	Nexion2000C	QBIMX011425C-032
Metals, Target Analyte, ICPMS	BA50686	S5A1503	LCS	BA50686-BS1	Nexion2000C	QBIMX011425C-033
Metals, Target Analyte, ICPMS	BA50686	S5A1503	Field Blank 1/7/25	25A0380-17	Nexion2000C	QBIMX011425C-035
Metals, Target Analyte, ICPMS	BA50686	S5A1503	Equipment Blank 1/7/25	25A0380-18	Nexion2000C	QBIMX011425C-036
Metals, Target Analyte, ICPMS	BA50686	S5A1503	Equipment Blank 1/7/25DUP1	BA50686-DUP1	Nexion2000C	QBIMX011425C-037
Metals, Target Analyte, ICPMS	BA50686	S5A1503	Equipment Blank 1/7/25MS1	BA50686-MS1	Nexion2000C	QBIMX011425C-038
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Serial Dilution	S5A1503-SRD2	Nexion2000C	QBIMX011425C-039
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Check	S5A1503-CCV4	Nexion2000C	QBIMX011425C-041
Metals, Target Analyte, ICPMS	S5A1503	S5A1503	Calibration Blank	S5A1503-CCB4	Nexion2000C	QBIMX011425C-042

Initial calibration for EPA 6020B met method guidelines.

York Analytical Work Order Narrative

EPA 6020B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6020B

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
Metals, Target Analyte, ICPMS	S5A1503-ICV1	Cadmium	50.0	55.7	**111**	90 - 110

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1503-ICB1	Initial Cal Blank	QBIMX011425C-010
S5A1503-CCV1	Calibration Check	QBIMX011425C-011
S5A1503-CCB1	Calibration Blank	QBIMX011425C-012
S5A1503-IFA1	Interference Check A	QBIMX011425C-015
S5A1503-IFB1	Interference Check B	QBIMX011425C-016
S5A1503-CCV2	Calibration Check	QBIMX011425C-017
S5A1503-CCB2	Calibration Blank	QBIMX011425C-018
S5A1503-CCV3	Calibration Check	QBIMX011425C-029
S5A1503-CCB3	Calibration Blank	QBIMX011425C-030
BA50686-BS1	LCS	QBIMX011425C-033
BA50686-MS1	Matrix Spike	QBIMX011425C-038
S5A1503-CCV4	Calibration Check	QBIMX011425C-041
S5A1503-CCB4	Calibration Blank	QBIMX011425C-042

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte, ICPMS	S5A1503	S5A1503-CCV1	QBIMX011425C-011	01/14/25 17:32
Metals, Target Analyte, ICPMS	S5A1503	S5A1503-CCV2	QBIMX011425C-017	01/14/25 17:53
Metals, Target Analyte, ICPMS	S5A1503	S5A1503-CCV3	QBIMX011425C-029	01/14/25 18:34
Metals, Target Analyte, ICPMS	S5A1503	S5A1503-CCV4	QBIMX011425C-041	01/14/25 19:16
Metals, Target Analyte, ICPMS	S5A1503	S5A1503-ICV1	QBIMX011425C-008	01/14/25 17:16

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
Metals, Target Analyte, ICPMS	S5A1503-CCV2	Selenium	ug/L	44.8	50.0	**89.5**	90 110	QBIMX011425C-017
Metals, Target Analyte, ICPMS	S5A1503-CCV3	Antimony	ug/L	40.8	50.0	**81.5**	90 110	QBIMX011425C-029
Metals, Target Analyte, ICPMS	S5A1503-CCV3	Beryllium	ug/L	41.3	50.0	**82.7**	90 110	QBIMX011425C-029
Metals, Target Analyte, ICPMS	S5A1503-CCV3	Cadmium	ug/L	41.7	50.0	**83.3**	90 110	QBIMX011425C-029

Metals, Target Analyte, ICPMS	S5A1503-CCV4	Antimony	ug/L	38.6	50.0	**77.1**	90	110	QBIMX011425C-041
Metals, Target Analyte, ICPMS	S5A1503-CCV4	Beryllium	ug/L	41.3	50.0	**82.5**	90	110	QBIMX011425C-041
Metals, Target Analyte, ICPMS	S5A1503-CCV4	Cadmium	ug/L	39.4	50.0	**78.8**	90	110	QBIMX011425C-041
Metals, Target Analyte, ICPMS	S5A1503-CCV4	Thallium	ug/L	44.3	50.0	**88.6**	90	110	QBIMX011425C-041
Metals, Target Analyte, ICPMS	S5A1503-ICV1	Cadmium	ug/L	55.7	50.0	**111**	90	110	QBIMX011425C-008

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
Metals, Target An	S5A1503	S5A1503-ICB1	Initial Cal Blank		QBIMX011425C-010
Metals, Target An	S5A1503	S5A1503-CCB1	Calibration Blank		QBIMX011425C-012
Metals, Target An	S5A1503	S5A1503-IFA1	Interference Check A		QBIMX011425C-015
Metals, Target An	S5A1503	S5A1503-IFB1	Interference Check B		QBIMX011425C-016
Metals, Target An	S5A1503	S5A1503-CCB2	Calibration Blank		QBIMX011425C-018
Metals, Target An	S5A1503	S5A1503-CCB3	Calibration Blank		QBIMX011425C-030
Metals, Target An	S5A1503	BA50686-BLK1	Blank		QBIMX011425C-032
Metals, Target An	S5A1503	BA50686-BS1	LCS		QBIMX011425C-033
Metals, Target An	S5A1503	25A0380-17	Field Blank 1/7/25		QBIMX011425C-035
Metals, Target An	S5A1503	25A0380-18	Equipment Blank 1/7/		QBIMX011425C-036
Metals, Target An	S5A1503	BA50686-DUP1	Duplicate	Equipment Blank	QBIMX011425C-037
Metals, Target An	S5A1503	BA50686-MS1	Matrix Spike	Equipment Blank	QBIMX011425C-038
Metals, Target An	S5A1503	S5A1503-SRD2	Serial Dilution	Equipment Blank	QBIMX011425C-039
Metals, Target An	S5A1503	S5A1503-CCB4	Calibration Blank		QBIMX011425C-042

York Analytical Work Order Narrative

EPA 6020B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50686	S5A1503	Nexion2000C	BA50686-BLK1	QBIMX011425C-032

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte, ICPMS	5A1503	BA50686-BS1	LCS	QBIMX011425C-033

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1503	LCS	BA50686-BS1	Antimony		**78**		80 - 120	
S5A1503	LCS	BA50686-BS1	Beryllium		**79.4**		80 - 120	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50686	25A0380-17	Field Blank 1/7/25	
BA50686	25A0380-18	Equipment Blank 1/7	
BA50686	BA50686-BLK1	Blank	
BA50686	BA50686-DUP1	Duplicate	Equipment Blank 1/7/25
BA50686	BA50686-MS1	Matrix Spike	Equipment Blank 1/7/25
S5A1503	S5A1503-ICB1	Initial Cal Blank	
S5A1503	S5A1503-IFA1	Interference Check A	
S5A1503	S5A1503-IFB1	Interference Check B	
S5A1503	S5A1503-SRD2	Serial Dilution	Equipment Blank 1/7/25

EPA 6020B

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
METALS	**Metals, Target**	BA50686	S5A1503	Equipment Blank 1/7/25D	25A0380-18	Equipment Blank 1/	BA50686-DUP1
METALS	**Metals, Target**	BA50686	S5A1503	Equipment Blank 1/7/25	25A0380-18	Equipment Blank 1/	BA50686-MS1

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7473

Mercury by 7473

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Mercury by 7473

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Mercury by 7473	BA50629	S5A1108	SB001 (O-2 IN)	25A0380-01	ICPMS2	
Mercury by 7473	BA50629	S5A1108	Blank	BA50629-BLK1	ICPMS2	
Mercury by 7473	BA50629	S5A1108	Reference	BA50629-SRM1	ICPMS2	
Mercury by 7473	S5A1108	S5A1108	Calibration Blank	S5A1108-CCB1	ICPMS2	
Mercury by 7473	S5A1108	S5A1108	Calibration Blank	S5A1108-CCB2	ICPMS2	
Mercury by 7473	S5A1108	S5A1108	Calibration Check	S5A1108-CCV1	ICPMS2	
Mercury by 7473	S5A1108	S5A1108	Calibration Check	S5A1108-CCV2	ICPMS2	
Mercury by 7473	S5A1108	S5A1108	High Cal Check	S5A1108-HCV1	ICPMS2	
Mercury by 7473	S5A1108	S5A1108	Low Cal Check	S5A1108-LCV1	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB001(2 IN-24IN)	25A0380-02	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB001 (6-8 FT)	25A0380-03	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB002 (0-2IN)	25A0380-04	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB002 (2 IN -24 IN)	25A0380-05	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB002 (6 - 8 FT)	25A0380-06	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB003 (0- 2IN)	25A0380-07	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB003 (2 IN- 24IN)	25A0380-08	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB003 (6 - 8FT)	25A0380-09	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB00X	25A0380-10	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB004 (0- 2IN)	25A0380-11	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB004 (2 IN-24 IN)	25A0380-12	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB004 (6- 8 FT)	25A0380-13	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB005 (0- 2IN)	25A0380-14	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB005 (2 IN-24 IN)	25A0380-15	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB005 (6- 8FT)	25A0380-16	ICPMS2	
Mercury by 7473	BA50628	S5A1109	Blank	BA50628-BLK1	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB001(2 IN-24IN)DUP1	BA50628-DUP1	ICPMS2	
Mercury by 7473	BA50628	S5A1109	SB001(2 IN-24IN)MS1	BA50628-MS1	ICPMS2	
Mercury by 7473	BA50628	S5A1109	Reference	BA50628-SRM1	ICPMS2	
Mercury by 7473	S5A1109	S5A1109	Calibration Blank	S5A1109-CCB1	ICPMS2	
Mercury by 7473	S5A1109	S5A1109	Calibration Blank	S5A1109-CCB2	ICPMS2	
Mercury by 7473	S5A1109	S5A1109	Calibration Check	S5A1109-CCV1	ICPMS2	
Mercury by 7473	S5A1109	S5A1109	Calibration Check	S5A1109-CCV2	ICPMS2	
Mercury by 7473	S5A1109	S5A1109	High Cal Check	S5A1109-HCV1	ICPMS2	
Mercury by 7473	S5A1109	S5A1109	Low Cal Check	S5A1109-LCV1	ICPMS2	

Initial calibration for EPA 7473 met method guidelines.

York Analytical Work Order Narrative

EPA 7473

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 7473
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Mercury by 7473	S5A1108	S5A1108-CCV1		01/13/25 10:15
Mercury by 7473	S5A1108	S5A1108-CCV2		01/13/25 10:15
Mercury by 7473	S5A1109	S5A1109-CCV1		01/11/25 15:57
Mercury by 7473	S5A1109	S5A1109-CCV2		01/11/25 15:57

The continuing calibration verification recovered within method limits.

EPA 7473

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
HG	BA50628	S5A1109	ICPMS2	BA50628-BLK1	
HG	BA50629	S5A1108	ICPMS2	BA50629-BLK1	

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Mercury by 7473	5A1109	BA50628-SRM1	Reference	
Mercury by 7473	5A1108	BA50629-SRM1	Reference	

EPA 7473

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
HG	**Mercury by 747**	BA50628	S5A1109	SB001(2 IN-24IN)DUP1	25A0380-02	SB001(2 IN-24IN)	BA50628-DUP1
HG	**Mercury by 747**	BA50628	S5A1109	SB001(2 IN-24IN)MS1	25A0380-02	SB001(2 IN-24IN)	BA50628-MS1

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1109	SB001(2 IN-24IN)DUP1	25A0380-02	BA50628-DUP1	Mercury	145	35	M-DUPS

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7470

Mercury by 7470/7471

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : **none**

Samples and QC analyzed using this calibration / sequence.

Initial calibration for EPA 7470 met method guidelines.

EPA 7470

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 7470
All target analytes recovered within method limits

Continuing Calibration Verification-

The continuing calibration verification recovered within method limits.

EPA 7470

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50666-BS1	LCS	QBHg01132025A-030
none		BA50666-BS2	LCS	QBHg01132025A-036

EPA 7470

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7196A

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50421-BS1	LCS	
none		BA50453-SRM1	Reference	
none		BA50477-SRM1	Reference	

EPA 7196A

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 9014/9010C

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50465-SRM1	Reference	CN_SPECA_BA50465_2501090
none		BA50501-SRM1	Reference	
none		BA50596-BS1	LCS	

EPA 9014/9010C

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

SM 2540G

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

SM 2540G

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

SM 4500 CN C-2016

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50465-SRM1	Reference	CN_SPECA_BA50465_2501090
none		BA50501-SRM1	Reference	
none		BA50596-BS1	LCS	

SM 4500 CN C-2016 / E-2

Dilutions: No sample dilutions were required.

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50481	Laboratory ID:	BA50481-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	8.98	89.8	78 - 133
Bromomethane	10.0	2.22	22.2 *	43 - 168
Carbon disulfide	10.0	11.4	114	68 - 146
Carbon tetrachloride	10.0	10.6	106	77 - 141
Chlorobenzene	10.0	9.29	92.9	88 - 120
Chloroethane	10.0	8.12	81.2	65 - 136
Chloroform	10.0	9.28	92.8	82 - 128
Chloromethane	10.0	4.24	42.4 *	43 - 155
cis-1,2-Dichloroethylene	10.0	9.82	98.2	83 - 129
cis-1,3-Dichloropropylene	10.0	9.12	91.2	80 - 131
Cyclohexane	10.0	11.7	117	63 - 149
Dibromochloromethane	10.0	8.95	89.5	80 - 130
Dibromomethane	10.0	8.42	84.2	72 - 134
Dichlorodifluoromethane	10.0	5.62	56.2	44 - 144
Ethyl Benzene	10.0	9.12	91.2	80 - 131
Hexachlorobutadiene	10.0	11.5	115	67 - 146
Isopropylbenzene	10.0	9.02	90.2	76 - 140
Methyl acetate	10.0	7.86	78.6	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	8.90	89.0	76 - 135
Methylcyclohexane	10.0	11.5	115	72 - 143
Methylene chloride	10.0	8.97	89.7	55 - 137
Naphthalene	10.0	9.21	92.1	70 - 147
n-Butylbenzene	10.0	10.8	108	79 - 132
n-Propylbenzene	10.0	9.61	96.1	78 - 133
o-Xylene	10.0	9.93	99.3	78 - 130
p- & m- Xylenes	20.0	20.6	103	77 - 133
p-Diethylbenzene	10.0	10.1	101	84 - 134
p-Ethyltoluene	10.0	9.15	91.5	88 - 129
p-Isopropyltoluene	10.0	9.65	96.5	81 - 136
sec-Butylbenzene	10.0	8.92	89.2	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50481	Laboratory ID:	BA50481-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	9.96	99.6	67 - 132
tert-Butyl alcohol (TBA)	50.0	37.0	74.0	25 - 162
tert-Butylbenzene	10.0	9.97	99.7	77 - 138
Tetrachloroethylene	10.0	5.18	51.8 *	82 - 131
Toluene	10.0	8.79	87.9	80 - 127
trans-1,2-Dichloroethylene	10.0	10.0	100	80 - 132
trans-1,3-Dichloropropylene	10.0	9.12	91.2	78 - 131
Trichloroethylene	10.0	8.61	86.1	82 - 128
Trichlorofluoromethane	10.0	9.22	92.2	67 - 139
Vinyl Chloride	10.0	7.11	71.1	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50005
Instrument: VOA No. 3
Calibration Date: 01/06/25 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2032082	10.60369	8.297857	0.0271706			20	
1,1,1-Trichloroethane	1.379248	11.4081	4.570286	3.829136E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.6217783	8.230182	9.655428	1.386037E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8774231	16.81455	2.487429	7.210078E-02		0.9980052	SPCC (0.1)	
1,1,2-Trichloroethane	0.2023381	7.482524	7.225143	0.0302207			SPCC (0.1)	
1,1-Dichloroethane	1.588388	6.084454	3.619	4.592642E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.199118	12.51157	2.518429	0.1144054			SPCC (0.1)	
1,1-Dichloropropylene	1.265111	9.240197	4.716857	2.879732E-02			20	
1,2,3-Trichlorobenzene	0.4954878	11.43892	13.51286	1.331991E-02			20	
1,2,3-Trichloropropane	0.189063	7.427173	9.691	2.900748E-02			20	
1,2,3-Trimethylbenzene	2.698279	6.371923	10.75543	2.394081E-02			20	
1,2,4,5-Tetramethylbenzene	2.336202	15.13034	11.93386	0.0211163		0.9980018	0.99	
1,2,4-Trichlorobenzene	0.552738	14.08678	12.94757	2.037299E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.744125	10.61707	10.27986	2.892869E-02			20	
1,2-Dibromo-3-chloropropane	9.258822E-02	33.47737	12.07157	2.490154E-02		0.9997195	SPCC (0.05)	
1,2-Dibromoethane	0.1799191	10.71072	7.731714	1.819768E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.060901	6.585149	11.14871	1.840344E-02			SPCC (0.4)	
1,2-Dichloroethane	1.065602	4.252807	4.992857	3.041948E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2666855	6.962077	5.765571	2.081002E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.929881	10.21264	9.861285	2.835154E-02			20	
1,3-Dichlorobenzene	1.18848	9.072645	10.62229	2.044504E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3647753	7.118358	7.387429	2.371195E-02			20	
1,4-Dichlorobenzene	1.180609	8.175112	10.72586	0.0193772			SPCC (0.5)	
1,4-Dioxane	1.74679E-03	19.94757	5.910714	8.142083E-02		0.9995425	0.99	
2,2-Dichloropropane	1.160264	21.29075	4.118286	5.463424E-02		0.9990214	0.99	
2-Butanone	7.858135E-02	23.50331	4.191857	6.421729E-02		0.9983407	SPCC (0.1)	
2-Chloroethylvinyl ether	9.887078E-02	14.0641	6.322286	2.743534E-02			20	
2-Chlorotoluene	2.944813	8.755413	9.787429	0.0186032			20	
2-Hexanone	0.1146427	25.51675	7.447571	1.936828E-02		0.9985984	SPCC (0.1)	
2-Nitropropane	0.1053387	18.91715	6.319571	5.676675E-02		0.9995764	0.99	
4-Chlorotoluene	2.670273	8.661864	9.911428	2.608135E-02			20	
4-Methyl-2-pentanone	0.1553848	21.36251	6.606857	3.679788E-02		0.9997799	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40057
Instrument: MSVOA7
Calibration Date: 12/31/24 13:45

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3595092	4.888604	9.0925	1.193728E-02			20	
1,1,1-Trichloroethane	2.782822	6.630553	5.32025	3.821092E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4156712	4.824954	10.4445	2.472817E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.393617	15.14479	3.1215	0.111704		0.9984504	SPCC (0.1)	
1,1,2-Trichloroethane	0.2110131	4.628119	7.998125	2.711157E-02			SPCC (0.1)	
1,1-Dichloroethane	3.138615	4.577603	4.329	2.303295E-02			SPCC (0.2)	
1,1-Dichloroethylene	2.152393	8.916812	3.155	2.270706E-02			SPCC (0.1)	
1,1-Dichloropropylene	2.323039	7.519716	5.467	1.810352E-02			20	
1,2,3-Trichlorobenzene	0.6553441	3.893115	14.373	0.0134791			20	
1,2,3-Trichloropropane	0.14347	4.854704	10.49125	1.600708E-02			20	
1,2,3-Trimethylbenzene	3.366941	16.18499	11.57412	2.229945E-02		0.9963304	0.99	
1,2,4,5-Tetramethylbenzene	2.956575	12.08813	12.75425	2.359568E-02			20	
1,2,4-Trichlorobenzene	0.8967094	4.925865	13.801	6.798982E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.366941	16.18499	11.57412	2.229945E-02		0.9963304	0.99	
1,2-Dibromo-3-chloropropane	6.174673E-02	9.062058	12.907	8.912747E-03			SPCC (0.05)	
1,2-Dibromoethane	0.1959658	5.14722	8.533	1.159873E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.561999	7.983371	11.98275	8.68553E-03			SPCC (0.4)	
1,2-Dichloroethane	1.620293	3.719653	5.741125	4.289039E-02			SPCC (0.1)	
1,2-Dichloropropane	0.3612718	7.101203	6.531	2.078353E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.488957	16.43237	10.6605	2.633888E-02		0.9961955	0.99	
1,3-Dichlorobenzene	1.952798	7.706972	11.44775	1.520477E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3730435	6.469232	8.168	2.245675E-02			20	
1,4-Dichlorobenzene	1.877653	7.505471	11.55075	3.089911E-02			SPCC (0.5)	
1,4-Dioxane	6.025585E-04	13.26614	6.665	8.439784E-02			20	
2,2-Dichloropropane	2.354606	6.50819	4.852	5.473191E-03			20	
2-Butanone	0.102407	6.354813	4.90325	0.1301617			SPCC (0.1)	
2-Chlorotoluene	3.530126	14.71192	10.60025	0.0126299			20	
2-Hexanone	7.688796E-02	11.78702	8.205625	5.872874E-02			SPCC (0.1)	
4-Chlorotoluene	3.029252	15.09098	10.72375	1.871521E-02		0.9974126	0.99	
4-Methyl-2-pentanone	0.107696	10.93724	7.3605	3.813102E-02			SPCC (0.1)	
Acetone	0.2423298	20.96422	3.267375	0.1486682		0.9945768	SPCC (0.1)	
Acrolein	8.045987E-02	18.88109	3.114375	0.1523548		0.998759	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50005
Laboratory ID: S5A0630-SCV1
Sequence: S5A0630
Standard ID: S24L407

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	50.0	50.7	1.4	30.00
1,1,1-Trichloroethane	50.0	48.3	-3.3	30.00
1,1,2,2-Tetrachloroethane	50.0	49.8	-0.4	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	56.6	13.2	30.00
1,1,2-Trichloroethane	50.0	48.1	-3.8	30.00
1,1-Dichloroethane	50.0	48.5	-3.1	30.00
1,1-Dichloroethylene	50.0	52.6	5.2	30.00
1,2,3-Trichlorobenzene	50.0	49.7	-0.6	30.00
1,2,3-Trichloropropane	50.0	47.8	-4.5	30.00
1,2,4-Trichlorobenzene	50.0	48.9	-2.1	30.00
1,2,4-Trimethylbenzene	50.0	50.9	1.9	30.00
1,2-Dibromo-3-chloropropane	50.0	44.5	-11.0	30.00
1,2-Dibromoethane	50.0	49.5	-1.0	30.00
1,2-Dichlorobenzene	50.0	47.3	-5.3	30.00
1,2-Dichloroethane	50.0	48.4	-3.2	30.00
1,2-Dichloropropane	50.0	49.0	-2.0	30.00
1,3,5-Trimethylbenzene	50.0	49.5	-0.9	30.00
1,3-Dichlorobenzene	50.0	47.7	-4.6	30.00
1,4-Dichlorobenzene	50.0	47.5	-5.1	30.00
1,4-Dioxane	1050	911	-13.3	30.00
2-Butanone	50.0	46.1	-7.9	30.00
2-Hexanone	50.0	42.4	-15.1	30.00
4-Methyl-2-pentanone	50.0	46.1	-7.8	30.00
Acetone	50.0	80.8	61.7 *	30.00
Acrolein	50.0	34.1	-31.8 *	30.00
Acrylonitrile	50.0	49.3	-1.4	30.00
Benzene	50.0	50.3	0.6	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50006
Laboratory ID: S5A0631-SCV1
Sequence: S5A0631
Standard ID: S24L407

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	50.0	48.6	-2.9	30.00
1,1,1-Trichloroethane	50.0	46.4	-7.3	30.00
1,1,2,2-Tetrachloroethane	50.0	48.5	-3.1	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	48.9	-2.2	30.00
1,1,2-Trichloroethane	50.0	47.7	-4.6	30.00
1,1-Dichloroethane	50.0	46.5	-7.0	30.00
1,1-Dichloroethylene	50.0	50.0	0.1	30.00
1,2,3-Trichlorobenzene	50.0	46.6	-6.8	30.00
1,2,3-Trichloropropane	50.0	48.3	-3.5	30.00
1,2,4-Trichlorobenzene	50.0	45.4	-9.1	30.00
1,2,4-Trimethylbenzene	50.0	49.6	-0.8	30.00
1,2-Dibromo-3-chloropropane	50.0	47.6	-4.8	30.00
1,2-Dibromoethane	50.0	49.0	-2.1	30.00
1,2-Dichlorobenzene	50.0	47.6	-4.7	30.00
1,2-Dichloroethane	50.0	47.9	-4.2	30.00
1,2-Dichloropropane	50.0	48.2	-3.5	30.00
1,3,5-Trimethylbenzene	50.0	48.8	-2.5	30.00
1,3-Dichlorobenzene	50.0	46.5	-7.0	30.00
1,4-Dichlorobenzene	50.0	46.6	-6.7	30.00
1,4-Dioxane	1050	958	-8.8	30.00
2-Butanone	50.0	45.1	-9.7	30.00
2-Hexanone	50.0	42.9	-14.2	30.00
4-Methyl-2-pentanone	50.0	47.0	-6.0	30.00
Acetone	50.0	100	101 *	30.00
Acrolein	50.0	30.6	-38.8 *	30.00
Acrylonitrile	50.0	48.3	-3.5	30.00
Benzene	50.0	48.0	-4.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40033
Laboratory ID: S4L1630-SCV1
Sequence: S4L1630
Standard ID: S24L138

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	50.0	51.7	3.5	30.00
1,1,1-Trichloroethane	50.0	48.9	-2.3	30.00
1,1,2,2-Tetrachloroethane	50.0	55.0	9.9	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	48.8	-2.4	30.00
1,1,2-Trichloroethane	50.0	51.6	3.2	30.00
1,1-Dichloroethane	50.0	47.9	-4.2	30.00
1,1-Dichloroethylene	50.0	50.1	0.3	30.00
1,2,3-Trichlorobenzene	50.0	51.3	2.7	30.00
1,2,3-Trichloropropane	50.0	53.7	7.4	30.00
1,2,4-Trichlorobenzene	50.0	50.7	1.5	30.00
1,2,4-Trimethylbenzene	50.0	52.3	4.6	30.00
1,2-Dibromo-3-chloropropane	50.0	54.9	9.8	30.00
1,2-Dibromoethane	50.0	54.0	8.0	30.00
1,2-Dichlorobenzene	50.0	51.0	2.1	30.00
1,2-Dichloroethane	50.0	50.2	0.4	30.00
1,2-Dichloropropane	50.0	51.2	2.3	30.00
1,3,5-Trimethylbenzene	50.0	52.2	4.3	30.00
1,3-Dichlorobenzene	50.0	49.6	-0.9	30.00
1,4-Dichlorobenzene	50.0	49.9	-0.2	30.00
1,4-Dioxane	1050	1840	75.7 *	30.00
2-Butanone	50.0	44.6	-10.8	30.00
2-Hexanone	50.0	50.6	1.3	30.00
4-Methyl-2-pentanone	50.0	53.4	6.8	30.00
Acetone	50.0	36.8	-26.5	30.00
Acrolein	50.0	16.9	-66.2 *	30.00
Acrylonitrile	50.0	53.3	6.5	30.00
Benzene	50.0	50.7	1.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40057
Laboratory ID: S4L3127-SCV1
Sequence: S4L3127
Standard ID: S24L408

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	11.4	14.5	30.00
1,1,1-Trichloroethane	10.0	10.6	6.4	30.00
1,1,2,2-Tetrachloroethane	10.0	10.8	7.8	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.8	8.3	30.00
1,1,2-Trichloroethane	10.0	11.3	13.0	30.00
1,1-Dichloroethane	10.0	10.4	4.3	30.00
1,1-Dichloroethylene	10.0	10.2	2.5	30.00
1,2,3-Trichlorobenzene	10.0	11.2	12.4	30.00
1,2,3-Trichloropropane	10.0	11.2	12.5	30.00
1,2,4-Trichlorobenzene	10.0	11.2	11.7	30.00
1,2,4-Trimethylbenzene	10.0	9.57	-4.3	30.00
1,2-Dibromo-3-chloropropane	10.0	10.7	7.1	30.00
1,2-Dibromoethane	10.0	11.6	15.5	30.00
1,2-Dichlorobenzene	10.0	11.2	11.7	30.00
1,2-Dichloroethane	10.0	11.2	12.1	30.00
1,2-Dichloropropane	10.0	11.2	11.8	30.00
1,3,5-Trimethylbenzene	10.0	11.2	12.1	30.00
1,3-Dichlorobenzene	10.0	11.1	11.4	30.00
1,3-Dichloropropane	10.0	11.2	12.5	30.00
1,4-Dichlorobenzene	10.0	11.0	10.3	30.00
1,4-Dioxane	210	231	9.9	30.00
2-Butanone	10.0	10.3	3.4	30.00
2-Hexanone	10.0	11.5	15.4	30.00
4-Methyl-2-pentanone	10.0	12.2	22.1	30.00
Acetone	10.0	8.62	-13.8	30.00
Acrolein	10.0	1.75	-82.5 *	30.00
Acrylonitrile	10.0	11.0	10.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40057
Laboratory ID: S4L3127-SCV1
Sequence: S4L3127
Standard ID: S24L408

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
o-Xylene	10.0	11.9	18.8	30.00
p- & m- Xylenes	20.0	24.1	20.6	30.00
p-Diethylbenzene	10.0	9.95	-0.5	30.00
p-Ethyltoluene	10.0	9.34	-6.6	30.00
p-Isopropyltoluene	10.0	10.8	8.4	30.00
sec-Butylbenzene	10.0	11.0	10.4	30.00
Styrene	10.0	12.1	21.3	30.00
tert-Butyl alcohol (TBA)	50.0	50.8	1.7	30.00
tert-Butylbenzene	10.0	11.7	16.8	30.00
Tetrachloroethylene	10.0	5.57	-44.3 *	30.00
Toluene	10.0	10.5	5.3	30.00
trans-1,2-Dichloroethylene	10.0	10.5	4.6	30.00
trans-1,3-Dichloropropylene	10.0	11.3	12.6	30.00
Trichloroethylene	10.0	11.6	15.9	30.00
Trichlorofluoromethane	10.0	10.7	6.6	30.00
Vinyl Chloride	10.0	10.2	2.3	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSVOA7	Calibration:	SL40057
Lab File ID:	V751993.D	Calibration Date:	12/31/24 13:45
Sequence:	S5A1007	Injection Date:	01/09/25
Lab Sample ID:	S5A1007-CCV1	Injection Time:	07:35

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.93	0.3595092	0.357165		-0.7	20	
1,1,1-Trichloroethane	A	10.0	11.0	2.782822	3.061601	0.1	10.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.1	0.4156712	0.4204143	0.3	1.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	13.2	1.393617	1.574797	0.1	32.5	20	*
1,1,2-Trichloroethane	A	10.0	9.65	0.2110131	0.2036452	0.1	-3.5	20	
1,1-Dichloroethane	A	10.0	10.6	3.138615	3.316137	0.2	5.7	20	
1,1-Dichloroethylene	A	10.0	10.7	2.152393	2.307284	0.1	7.2	20	
1,2,3-Trichlorobenzene	A	10.0	9.76	0.6553441	0.6393109		-2.4	20	
1,2,3-Trichloropropane	A	10.0	8.68	0.14347	0.124579		-13.2	20	
1,2,4-Trichlorobenzene	A	10.0	9.96	0.8967094	0.8934251	0.2	-0.4	20	
1,2,4-Trimethylbenzene	A	10.0	8.93	3.366941	3.294408		-10.7	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.26	6.174673E-02	5.718887E-02	0.05	-7.4	20	
1,2-Dibromoethane	A	10.0	9.71	0.1959658	0.1903443	0.1	-2.9	20	
1,2-Dichlorobenzene	A	10.0	9.60	1.561999	1.500278	0.4	-4.0	20	
1,2-Dichloroethane	A	10.0	10.4	1.620293	1.676361	0.1	3.5	20	
1,2-Dichloropropane	A	10.0	9.83	0.3612718	0.3551353	0.1	-1.7	20	
1,3,5-Trimethylbenzene	A	10.0	9.44	3.488957	3.604214		-5.6	20	
1,3-Dichlorobenzene	A	10.0	9.57	1.952798	1.868949	0.6	-4.3	20	
1,3-Dichloropropane	A	10.0	9.68	0.3730435	0.3611657		-3.2	20	
1,4-Dichlorobenzene	A	10.0	9.61	1.877653	1.803689	0.5	-3.9	20	
1,4-Dioxane	A	200	180	6.025585E-04	5.413159E-04		-10.2	20	
2-Butanone	A	10.0	11.3	0.102407	0.1155995	0.1	12.9	20	
2-Hexanone	A	10.0	11.6	7.688796E-02	8.934961E-02	0.1	16.2	20	
4-Methyl-2-pentanone	A	10.0	9.98	0.107696	0.1074645	0.1	-0.2	20	
Acetone	A	10.0	13.6	0.2423298	0.3010682	0.1	36.1	20	*
Acrolein	A	10.0	10.1	8.045987E-02	8.908541E-02		1.0	20	
Acrylonitrile	A	10.0	9.51	0.1783146	0.1696037		-4.9	20	
Benzene	A	10.0	10.8	6.790713	7.337894	0.5	8.1	20	
Bromochloromethane	A	10.0	10.1	1.051609	1.058396		0.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSVOA7	Calibration:	SL40057
Lab File ID:	V751993.D	Calibration Date:	12/31/24 13:45
Sequence:	S5A1007	Injection Date:	01/09/25
Lab Sample ID:	S5A1007-CCV1	Injection Time:	07:35

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	9.96	0.4627251	0.4609897	0.2	-0.4	20	
Bromoform	A	10.0	10.2	0.1221126	0.1240767	0.1	1.6	20	
Bromomethane	A	10.0	1.84	0.6805484	0.1384396	0.1	-81.6	20	*
Carbon disulfide	A	10.0	10.9	4.161353	4.520542	0.1	8.6	20	
Carbon tetrachloride	A	10.0	11.0	2.310924	2.53673	0.1	9.8	20	
Chlorobenzene	A	10.0	10.0	1.073411	1.078495	0.5	0.5	20	
Chloroethane	A	10.0	8.27	1.733673	1.434596	0.1	-17.3	20	
Chloroform	A	10.0	10.3	3.176255	3.272628	0.2	3.0	20	
Chloromethane	A	10.0	4.56	1.423092	0.6495553	0.1	-54.4	20	*
cis-1,2-Dichloroethylene	A	10.0	10.8	2.684078	2.902585	0.1	8.1	20	
cis-1,3-Dichloropropylene	A	10.0	10.2	0.5195378	0.5327815	0.2	2.5	20	
Cyclohexane	A	10.0	11.2	2.473021	2.772516	0.1	12.1	20	
Dibromochloromethane	A	10.0	9.93	0.2616258	0.259786	0.1	-0.7	20	
Dibromomethane	A	10.0	9.53	0.1608946	0.1533316		-4.7	20	
Dichlorodifluoromethane	A	10.0	5.29	1.173902	0.4745705	0.1	-47.1	20	*
Ethyl Benzene	A	10.0	9.59	1.778024	1.961841	0.1	-4.1	20	
Hexachlorobutadiene	A	10.0	11.4	0.4846902	0.5551252		14.5	20	
Isopropylbenzene	A	10.0	9.19	4.219131	4.378338	0.1	-8.1	20	
Methyl acetate	A	10.0	10.2	0.379132	0.3867561	0.1	2.0	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.3	2.602435	2.680671	0.1	3.0	20	
Methylcyclohexane	A	10.0	11.3	0.6100475	0.688738	0.1	12.9	20	
Methylene chloride	A	10.0	9.67	1.935589	1.872319	0.1	-3.3	20	
Naphthalene	A	10.0	10.0	1.124276	1.130306		0.5	20	
n-Butylbenzene	A	10.0	11.0	3.972558	4.385448		10.4	20	
n-Propylbenzene	A	10.0	9.83	4.99036	5.245676		-1.7	20	
o-Xylene	A	10.0	10.8	1.41549	1.526983	0.3	7.9	20	
p- & m- Xylenes	A	20.0	22.2	1.315845	1.528723	0.1	11.2	20	
p-Diethylbenzene	A	10.0	10.5	2.197989	2.317609		5.4	20	
p-Ethyltoluene	A	10.0	9.23	4.323476	4.364382		-7.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSVOA7	Calibration:	SL40057
Lab File ID:	V751993.D	Calibration Date:	12/31/24 13:45
Sequence:	S5A1007	Injection Date:	01/09/25
Lab Sample ID:	S5A1007-CCV1	Injection Time:	07:35

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
p-Isopropyltoluene	A	10.0	9.61	3.643702	3.973866		-3.9	20	
sec-Butylbenzene	A	10.0	9.14	3.421552	3.494348		-8.6	20	
Styrene	A	10.0	10.6	1.055261	1.114761	0.3	5.6	20	
tert-Butyl alcohol (TBA)	A	50.0	43.8	4.613416E-02	0.0404434		-12.3	20	
tert-Butylbenzene	A	10.0	10.3	3.080855	3.183243		3.3	20	
Tetrachloroethylene	A	10.0	5.80	0.8561489	0.496599	0.2	-42.0	20	*
Toluene	A	10.0	9.34	1.6902	1.77436	0.4	-6.6	20	
trans-1,2-Dichloroethylene	A	10.0	10.7	2.350949	2.523336	0.1	7.3	20	
trans-1,3-Dichloropropylene	A	10.0	10.2	0.5195378	0.5327815	0.1	2.5	20	
Trichloroethylene	A	10.0	9.05	0.4792213	0.4337369	0.2	-9.5	20	
Trichlorofluoromethane	A	10.0	9.11	3.611567	3.289267	0.1	-8.9	20	
Vinyl Chloride	A	10.0	7.22	2.007405	1.448762	0.1	-27.8	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 3	Calibration:	SA50005
Lab File ID:	V3188955.D	Calibration Date:	01/06/25 00:40
Sequence:	S5A1009	Injection Date:	01/09/25
Lab Sample ID:	S5A1009-CCV1	Injection Time:	18:44

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	52.0	0.2032082	0.2111454		3.9	20
1,1,1-Trichloroethane	A	50.0	50.5	1.379248	1.396539	0.1	1.3	20
1,1,2,2-Tetrachloroethane	A	50.0	50.4	0.6217783	0.6265579	0.3	0.8	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	45.9	0.8774231	0.8068389	0.1	-8.2	20
1,1,2-Trichloroethane	A	50.0	49.9	0.2023381	0.201981	0.1	-0.2	20
1,1-Dichloroethane	A	50.0	50.0	1.588388	1.593084	0.2	0.3	20
1,1-Dichloroethylene	A	50.0	49.1	1.199118	1.180438	0.1	-1.6	20
1,2,3-Trichlorobenzene	A	50.0	52.8	0.4954878	0.523452		5.6	20
1,2,3-Trichloropropane	A	50.0	50.1	0.189063	0.1895801		0.3	20
1,2,4-Trichlorobenzene	A	50.0	53.3	0.552738	0.5893723	0.2	6.6	20
1,2,4-Trimethylbenzene	A	50.0	51.6	2.744125	2.834361		3.3	20
1,2-Dibromo-3-chloropropane	A	50.0	49.3	9.258822E-02	9.124327E-02	0.05	-1.5	20
1,2-Dibromoethane	A	50.0	52.4	0.1799191	0.1885171	0.1	4.8	20
1,2-Dichlorobenzene	A	50.0	51.1	1.060901	1.084048	0.4	2.2	20
1,2-Dichloroethane	A	50.0	48.4	1.065602	1.033182	0.1	-3.0	20
1,2-Dichloropropane	A	50.0	49.9	0.2666855	0.2659664	0.1	-0.3	20
1,3,5-Trimethylbenzene	A	50.0	51.2	2.929881	2.997477		2.3	20
1,3-Dichlorobenzene	A	50.0	51.7	1.18848	1.228598	0.6	3.4	20
1,4-Dichlorobenzene	A	50.0	51.5	1.180609	1.214987	0.5	2.9	20
1,4-Dioxane	A	1000	986	1.74679E-03	1.722804E-03		-1.4	20
2-Butanone	A	50.0	58.1	7.858135E-02	9.148827E-02	0.1	16.2	20
2-Hexanone	A	50.0	58.6	0.1146427	0.1343377	0.1	17.2	20
4-Methyl-2-pentanone	A	50.0	53.1	0.1553848	0.1650451	0.1	6.2	20
Acetone	A	50.0	44.5	0.2293915	0.204634	0.1	-11.0	20
Acrolein	A	50.0	42.8	8.620123E-02	7.390078E-02		-14.5	20
Acrylonitrile	A	50.0	47.4	0.2055414	0.1954108		-4.9	20
Benzene	A	50.0	49.9	3.544436	3.543411	0.5	-0.03	20
Bromochloromethane	A	50.0	49.7	0.6031087	0.6012883		-0.3	20
Bromodichloromethane	A	50.0	49.5	0.3402794	0.3369665	0.2	-1.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 3	Calibration:	SA50005
Lab File ID:	V3188955.D	Calibration Date:	01/06/25 00:40
Sequence:	S5A1009	Injection Date:	01/09/25
Lab Sample ID:	S5A1009-CCV1	Injection Time:	18:44

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	50.2	8.000384E-02	8.039133E-02	0.1	0.5	20	
Bromomethane	A	50.0	43.7	0.4818482	0.4219651	0.1	-12.4	20	
Carbon disulfide	A	50.0	33.3	2.201107	1.469587	0.1	-33.4	20	*
Carbon tetrachloride	A	50.0	48.4	1.103055	1.070049	0.1	-3.0	20	
Chlorobenzene	A	50.0	50.3	0.6943571	0.6990555	0.5	0.7	20	
Chloroethane	A	50.0	48.6	0.4432277	0.4313934	0.1	-2.7	20	
Chloroform	A	50.0	49.3	1.631132	1.612998	0.2	-1.1	20	
Chloromethane	A	50.0	31.0	0.6585882	0.4093642	0.1	-37.8	20	*
cis-1,2-Dichloroethylene	A	50.0	50.5	1.394978	1.413268	0.1	1.3	20	
cis-1,3-Dichloropropylene	A	50.0	52.3	0.4051977	0.4238339	0.2	4.6	20	
Cyclohexane	A	50.0	50.6	1.549447	1.571151	0.1	1.4	20	
Dibromochloromethane	A	50.0	51.3	0.1832617	0.1879333	0.1	2.5	20	
Dibromomethane	A	50.0	48.8	0.137655	0.1343026		-2.4	20	
Dichlorodifluoromethane	A	50.0	18.3	0.674895	0.2268619	0.1	-66.4	20	*
Ethyl Benzene	A	50.0	51.4	1.301476	1.336707	0.1	2.7	20	
Hexachlorobutadiene	A	50.0	50.4	0.3642344	0.3672195		0.8	20	
Isopropylbenzene	A	50.0	53.2	3.494266	3.715038	0.1	6.3	20	
Methyl acetate	A	50.0	47.3	0.4477097	0.4246635	0.1	-5.1	20	
Methyl tert-butyl ether (MTBE)	A	50.0	59.7	1.651465	1.976298	0.1	19.7	20	
Methylcyclohexane	A	50.0	49.7	0.5715803	0.5682458	0.1	-0.6	20	
Methylene chloride	A	50.0	45.4	1.066875	0.9710742	0.1	-9.0	20	
n-Butylbenzene	A	50.0	49.4	3.58187	3.535843		-1.3	20	
n-Propylbenzene	A	50.0	51.4	4.295609	4.415109		2.8	20	
o-Xylene	A	50.0	52.8	1.025707	1.084173	0.3	5.7	20	
p- & m- Xylenes	A	100	102	1.037307	1.054667	0.1	1.7	20	
p-Isopropyltoluene	A	50.0	52.7	2.841867	2.996504		5.4	20	
sec-Butylbenzene	A	50.0	52.3	3.70365	3.872412		4.6	20	
Styrene	A	50.0	53.1	0.7210678	0.766181	0.3	6.3	20	
tert-Butyl alcohol (TBA)	A	250	325	3.697452E-02	4.570183E-02		29.9	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 3	Calibration:	SA50005
Lab File ID:	V3188955.D	Calibration Date:	01/06/25 00:40
Sequence:	S5A1009	Injection Date:	01/09/25
Lab Sample ID:	S5A1009-CCV1	Injection Time:	18:44

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	53.6	2.374541	2.54382		7.1	20	
Tetrachloroethylene	A	50.0	54.6	0.2645414	0.2888856	0.2	9.2	20	
Toluene	A	50.0	49.6	1.236322	1.227615	0.4	-0.7	20	
trans-1,2-Dichloroethylene	A	50.0	48.9	1.300161	1.273164	0.1	-2.1	20	
trans-1,3-Dichloropropylene	A	50.0	52.9	0.3212153	0.3395784	0.1	5.7	20	
Trichloroethylene	A	50.0	50.0	0.2976325	0.2978828	0.2	0.08	20	
Trichlorofluoromethane	A	50.0	37.1	1.455365	1.081547	0.1	-25.7	20	*
Vinyl Chloride	A	50.0	36.0	0.5837904	0.4215037	0.1	-27.8	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SA50006
Lab File ID:	V11C023689.D	Calibration Date:	01/06/25 00:09
Sequence:	S5A1203	Injection Date:	01/10/25
Lab Sample ID:	S5A1203-CCV2	Injection Time:	07:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	53.1	0.293784	0.311801		6.1	20	
1,1,1-Trichloroethane	A	50.0	45.4	2.057944	1.867456	0.1	-9.3	20	
1,1,2,2-Tetrachloroethane	A	50.0	54.1	0.6732544	0.7286	0.3	8.2	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	41.5	1.26579	1.05113	0.1	-17.0	20	
1,1,2-Trichloroethane	A	50.0	52.9	0.2438189	0.2580835	0.1	5.9	20	
1,1-Dichloroethane	A	50.0	44.8	2.485261	2.227437	0.2	-10.4	20	
1,1-Dichloroethylene	A	50.0	45.4	1.768909	1.605585	0.1	-9.2	20	
1,2,3-Trichlorobenzene	A	50.0	55.8	0.7542802	0.8420537		11.6	20	
1,2,3-Trichloropropane	A	50.0	54.1	0.1994241	0.2156131		8.1	20	
1,2,4-Trichlorobenzene	A	50.0	56.2	0.831612	0.9338841	0.2	12.3	20	
1,2,4-Trimethylbenzene	A	50.0	56.7	2.86849	3.25193		13.4	20	
1,2-Dibromo-3-chloropropane	A	50.0	54.4	9.963815E-02	0.11027	0.05	8.9	20	
1,2-Dibromoethane	A	50.0	52.9	0.2290421	0.2423782	0.1	5.8	20	
1,2-Dichlorobenzene	A	50.0	54.9	1.37866	1.514514	0.4	9.9	20	
1,2-Dichloroethane	A	50.0	45.1	1.537353	1.385911	0.1	-9.9	20	
1,2-Dichloropropane	A	50.0	52.1	0.3282322	0.3420509	0.1	4.2	20	
1,3,5-Trimethylbenzene	A	50.0	56.0	2.917988	3.267546		12.0	20	
1,3-Dichlorobenzene	A	50.0	55.3	1.589035	1.756432	0.6	10.5	20	
1,4-Dichlorobenzene	A	50.0	55.7	1.541191	1.716146	0.5	11.4	20	
1,4-Dioxane	A	1000	1050	2.327997E-03	2.319363E-03		5.3	20	
2-Butanone	A	50.0	54.8	0.1415025	0.1542487	0.1	9.7	20	
2-Hexanone	A	50.0	59.3	0.1539482	0.1827028	0.1	18.7	20	
4-Methyl-2-pentanone	A	50.0	52.4	0.2044656	0.2141161	0.1	4.7	20	
Acetone	A	50.0	60.2	0.406506	0.4703492	0.1	20.4	20	*
Acrolein	A	50.0	39.0	0.1821948	0.1467958		-22.1	20	*
Acrylonitrile	A	50.0	45.2	0.3602872	0.3255801		-9.6	20	
Benzene	A	50.0	45.1	5.842186	5.270664	0.5	-9.8	20	
Bromochloromethane	A	50.0	45.4	1.005284	0.9120233		-9.3	20	
Bromodichloromethane	A	50.0	53.2	0.3869774	0.4114652	0.2	6.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SA50006
Lab File ID:	V11C023689.D	Calibration Date:	01/06/25 00:09
Sequence:	S5A1203	Injection Date:	01/10/25
Lab Sample ID:	S5A1203-CCV2	Injection Time:	07:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	52.9	0.1416668	0.1498804	0.1	5.8	20	
Bromomethane	A	50.0	37.9	0.5485737	0.4161519	0.1	-24.1	20	*
Carbon disulfide	A	50.0	45.4	3.585812	3.254836	0.1	-9.2	20	
Carbon tetrachloride	A	50.0	45.5	1.791084	1.630496	0.1	-9.0	20	
Chlorobenzene	A	50.0	53.0	0.9160178	0.9702131	0.5	5.9	20	
Chloroethane	A	50.0	45.0	0.521295	0.5837837	0.1	-10.0	20	
Chloroform	A	50.0	45.7	2.356962	2.155117	0.2	-8.6	20	
Chloromethane	A	50.0	31.0	1.238669	0.7685841	0.1	-38.0	20	*
cis-1,2-Dichloroethylene	A	50.0	45.6	2.169909	1.978703	0.1	-8.8	20	
cis-1,3-Dichloropropylene	A	50.0	53.1	0.5157923	0.547456	0.2	6.1	20	
Cyclohexane	A	50.0	38.7	2.410685	1.865955	0.1	-22.6	20	*
Dibromochloromethane	A	50.0	53.1	0.2590422	0.2750933	0.1	6.2	20	
Dibromomethane	A	50.0	52.2	0.1638422	0.1710466		4.4	20	
Dichlorodifluoromethane	A	50.0	19.8	0.8114811	0.3221915	0.1	-60.3	20	*
Ethyl Benzene	A	50.0	54.0	1.603542	1.731607	0.1	8.0	20	
Hexachlorobutadiene	A	50.0	55.3	0.4941709	0.5463726		10.6	20	
Isopropylbenzene	A	50.0	56.5	3.726691	4.211003	0.1	13.0	20	
Methyl acetate	A	50.0	39.4	0.79328	0.6254879	0.1	-21.2	20	*
Methyl tert-butyl ether (MTBE)	A	50.0	43.9	3.267112	2.871081	0.1	-12.1	20	
Methylcyclohexane	A	50.0	47.8	0.6570932	0.6278854	0.1	-4.4	20	
Methylene chloride	A	50.0	41.9	1.595424	1.336679	0.1	-16.2	20	
n-Butylbenzene	A	50.0	57.0	3.705662	4.223493		14.0	20	
n-Propylbenzene	A	50.0	56.8	4.58595	5.205803		13.5	20	
o-Xylene	A	50.0	53.8	1.209185	1.301856	0.3	7.7	20	
p- & m- Xylenes	A	100	107	1.234696	1.325071	0.1	7.3	20	
p-Isopropyltoluene	A	50.0	57.4	3.299172	3.786505		14.8	20	
sec-Butylbenzene	A	50.0	57.1	4.035482	4.608275		14.2	20	
Styrene	A	50.0	54.5	0.932725	1.016815	0.3	9.0	20	
tert-Butyl alcohol (TBA)	A	250	211	9.555194E-02	8.055591E-02		-15.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SA50006
Lab File ID:	V11C023689.D	Calibration Date:	01/06/25 00:09
Sequence:	S5A1203	Injection Date:	01/10/25
Lab Sample ID:	S5A1203-CCV2	Injection Time:	07:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	55.8	2.640123	2.948456		11.7	20	
Tetrachloroethylene	A	50.0	50.3	0.3848616	0.3868993	0.2	0.5	20	
Toluene	A	50.0	52.9	1.47373	1.558268	0.4	5.7	20	
trans-1,2-Dichloroethylene	A	50.0	44.9	1.89926	1.706601	0.1	-10.1	20	
trans-1,3-Dichloropropylene	A	50.0	53.0	0.4313702	0.4575052	0.1	6.1	20	
Trichloroethylene	A	50.0	52.1	0.3392912	0.3534642	0.2	4.2	20	
Trichlorofluoromethane	A	50.0	39.5	1.997774	1.579333	0.1	-20.9	20	*
Vinyl Chloride	A	50.0	33.6	1.35537	0.910951	0.1	-32.8	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SL40033
Lab File ID:	V11C023688.D	Calibration Date:	12/14/24 00:03
Sequence:	S5A1204	Injection Date:	01/10/25
Lab Sample ID:	S5A1204-CCV1	Injection Time:	07:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	48.7	0.2986207	0.2910673		-2.5	20	
1,1,1-Trichloroethane	A	50.0	48.2	1.871823	1.805404	0.1	-3.5	20	
1,1,2,2-Tetrachloroethane	A	50.0	47.3	0.7563201	0.7155372	0.3	-5.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	43.7	1.174957	1.025945	0.1	-12.7	20	
1,1,2-Trichloroethane	A	50.0	48.4	0.2506638	0.2429023	0.1	-3.1	20	
1,1-Dichloroethane	A	50.0	48.0	2.240581	2.152849	0.2	-3.9	20	
1,1-Dichloroethylene	A	50.0	47.0	1.643217	1.545064	0.1	-6.0	20	
1,2,3-Trichlorobenzene	A	50.0	51.1	0.7345663	0.75058		2.2	20	
1,2,3-Trichloropropane	A	50.0	46.2	0.2245249	0.2072178		-7.7	20	
1,2,4-Trichlorobenzene	A	50.0	52.2	0.8055107	0.8415887	0.2	4.5	20	
1,2,4-Trimethylbenzene	A	50.0	49.0	3.00339	2.942262		-2.0	20	
1,2-Dibromo-3-chloropropane	A	50.0	46.1	0.114039	0.10505	0.05	-7.9	20	
1,2-Dibromoethane	A	50.0	47.9	0.2368418	0.2270105	0.1	-4.2	20	
1,2-Dichlorobenzene	A	50.0	49.6	1.423282	1.412357	0.4	-0.8	20	
1,2-Dichloroethane	A	50.0	48.7	1.378257	1.342668	0.1	-2.6	20	
1,2-Dichloropropane	A	50.0	46.7	0.3396076	0.3173083	0.1	-6.6	20	
1,3,5-Trimethylbenzene	A	50.0	48.4	3.061434	2.961257		-3.3	20	
1,3-Dichlorobenzene	A	50.0	49.8	1.636945	1.629788	0.6	-0.4	20	
1,4-Dichlorobenzene	A	50.0	49.8	1.585044	1.57943	0.5	-0.4	20	
1,4-Dioxane	A	1000	1630	1.269433E-03	2.266426E-03		62.6	20	*
2-Butanone	A	50.0	54.8	0.1275761	0.1593919	0.1	9.6	20	
2-Hexanone	A	50.0	54.2	0.1741762	0.188905	0.1	8.5	20	
4-Methyl-2-pentanone	A	50.0	47.2	0.2320686	0.2192979	0.1	-5.5	20	
Acetone	A	50.0	61.8	0.3921807	0.4846279	0.1	23.6	20	*
Acrolein	A	50.0	45.8	0.1231945	0.1506079		-8.4	20	
Acrylonitrile	A	50.0	48.0	0.3373279	0.3238097		-4.0	20	
Benzene	A	50.0	48.9	5.171692	5.056383	0.5	-2.2	20	
Bromochloromethane	A	50.0	48.6	0.9244167	0.8978063		-2.9	20	
Bromodichloromethane	A	50.0	47.5	0.4073515	0.3872495	0.2	-4.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SL40033
Lab File ID:	V11C023688.D	Calibration Date:	12/14/24 00:03
Sequence:	S5A1204	Injection Date:	01/10/25
Lab Sample ID:	S5A1204-CCV1	Injection Time:	07:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	50.0	0.1492475	0.1493682	0.1	0.08	20	
Bromomethane	A	50.0	41.9	0.9414026	0.7889226	0.1	-16.2	20	
Carbon disulfide	A	50.0	48.7	3.351634	3.263114	0.1	-2.6	20	
Carbon tetrachloride	A	50.0	48.6	1.651912	1.60388	0.1	-2.9	20	
Chlorobenzene	A	50.0	49.3	0.9245126	0.9107742	0.5	-1.5	20	
Chloroethane	A	50.0	39.8	0.9502212	0.7572729	0.1	-20.3	20	*
Chloroform	A	50.0	49.6	2.092853	2.074766	0.2	-0.9	20	
Chloromethane	A	50.0	33.5	1.167706	0.7816667	0.1	-33.1	20	*
cis-1,2-Dichloroethylene	A	50.0	48.6	1.951436	1.89758	0.1	-2.8	20	
cis-1,3-Dichloropropylene	A	50.0	48.4	0.5285516	0.5121267	0.2	-3.1	20	
Cyclohexane	A	50.0	42.4	2.121553	1.798782	0.1	-15.2	20	
Dibromochloromethane	A	50.0	49.0	0.2697798	0.2642671	0.1	-2.0	20	
Dibromomethane	A	50.0	47.3	0.172082	0.1626785		-5.5	20	
Dichlorodifluoromethane	A	50.0	24.3	0.7069116	0.3435172	0.1	-51.4	20	*
Ethyl Benzene	A	50.0	49.1	1.644284	1.613373	0.1	-1.9	20	
Hexachlorobutadiene	A	50.0	50.2	0.4943054	0.4959363		0.3	20	
Isopropylbenzene	A	50.0	47.6	3.961221	3.770322	0.1	-4.8	20	
Methyl acetate	A	50.0	42.9	0.6875601	0.589878	0.1	-14.2	20	
Methyl tert-butyl ether (MTBE)	A	50.0	48.0	2.804178	2.691845	0.1	-4.0	20	
Methylcyclohexane	A	50.0	42.8	0.6915893	0.5917479	0.1	-14.4	20	
Methylene chloride	A	50.0	46.2	1.526792	1.322927	0.1	-7.5	20	
n-Butylbenzene	A	50.0	49.6	3.925448	3.895961		-0.8	20	
n-Propylbenzene	A	50.0	48.3	4.916665	4.75127		-3.4	20	
o-Xylene	A	50.0	49.5	1.227748	1.215612	0.3	-1.0	20	
p- & m- Xylenes	A	100	99.0	1.256709	1.243622	0.1	-1.0	20	
p-Isopropyltoluene	A	50.0	49.6	3.437322	3.410913		-0.8	20	
sec-Butylbenzene	A	50.0	48.4	4.293551	4.155508		-3.2	20	
Styrene	A	50.0	51.1	0.9415154	0.9623899	0.3	2.2	20	
tert-Butyl alcohol (TBA)	A	250	226	9.701227E-02	8.768423E-02		-9.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SL40033
Lab File ID:	V11C023688.D	Calibration Date:	12/14/24 00:03
Sequence:	S5A1204	Injection Date:	01/10/25
Lab Sample ID:	S5A1204-CCV1	Injection Time:	07:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	47.8	2.776185	2.652675		-4.4	20	
Tetrachloroethylene	A	50.0	47.0	0.3865939	0.3636335	0.2	-5.9	20	
Toluene	A	50.0	47.8	1.517296	1.449206	0.4	-4.5	20	
trans-1,2-Dichloroethylene	A	50.0	47.8	1.73021	1.654343	0.1	-4.4	20	
trans-1,3-Dichloropropylene	A	50.0	48.2	0.4441133	0.427725	0.1	-3.7	20	
Trichloroethylene	A	50.0	46.3	0.3552038	0.3290163	0.2	-7.4	20	
Trichlorofluoromethane	A	50.0	39.6	1.930121	1.529782	0.1	-20.7	20	*
Vinyl Chloride	A	50.0	36.7	1.415993	1.039098	0.1	-26.6	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

SB005 (6- 8FT)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50567
Laboratory ID: BA50567-MSD1
Preparation: EPA 3550C
Initial/Final: 30 g / 1 mL
Source Sample Name: SB005 (6- 8FT)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	0.857	0.588	68.6	25.0	30	10 - 130
1,2,4,5-Tetrachlorobenzene	0.857	0.404	47.1	3.01	30	10 - 133
1,2,4-Trichlorobenzene	0.857	0.348	40.6	12.8	30	10 - 127
1,2-Dichlorobenzene	0.857	0.555	64.8	18.8	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.857	0.606	70.7	9.23	30	10 - 144
1,3-Dichlorobenzene	0.857	0.511	59.7	14.5	30	11 - 111
1,4-Dichlorobenzene	0.857	0.510	59.5	17.2	30	10 - 106
2,3,4,6-Tetrachlorophenol	0.857	0.611	71.3	2.66	30	30 - 130
2,4,5-Trichlorophenol	0.857	0.422	49.3	5.33	30	10 - 127
2,4,6-Trichlorophenol	0.857	0.408	47.7	15.6	30	10 - 132
2,4-Dichlorophenol	0.857	0.385	45.0	4.55	30	10 - 128
2,4-Dimethylphenol	0.857	0.442	51.6	2.04	30	10 - 137
2,4-Dinitrophenol	0.857	0.341	39.8	5.79	30	10 - 171
2,4-Dinitrotoluene	0.857	0.496	57.8	6.57	30	16 - 135
2,6-Dinitrotoluene	0.857	0.503	58.7	19.3	30	18 - 131
2-Chloronaphthalene	0.857	0.473	55.2	11.8	30	10 - 129
2-Chlorophenol	0.857	0.610	71.2	11.4	30	15 - 116
2-Methylnaphthalene	0.857	0.443	51.8	2.66	30	10 - 147
2-Methylphenol	0.857	0.480	56.0	5.28	30	10 - 136
2-Nitroaniline	0.857	0.682	79.6	32.6 *	30	10 - 137
2-Nitrophenol	0.857	0.437	51.0	3.39	30	10 - 129
3- & 4-Methylphenols	0.857	0.412	48.1	11.4	30	10 - 123
3,3-Dichlorobenzidine	0.857	0.670	78.2	3.12	30	10 - 155
3-Nitroaniline	0.857	0.682	79.6	32.6 *	30	12 - 133
4,6-Dinitro-2-methylphenol	0.857	0.461	53.8	9.98	30	10 - 155
4-Bromophenyl phenyl ether	0.857	0.446	52.1	0.765	30	14 - 128
4-Chloro-3-methylphenol	0.857	0.427	49.8	3.93	30	10 - 134
4-Chloroaniline	0.857	0.320	37.4	4.38	30	10 - 145
4-Chlorophenyl phenyl ether	0.857	0.381	44.5	11.8	30	14 - 130
4-Nitroaniline	0.857	0.443	51.7	5.86	30	10 - 147
4-Nitrophenol	0.857	0.456	53.3	11.4	30	10 - 137
Acenaphthene	0.857	0.487	56.8	3.00	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

SB001(2 IN-24IN)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50641
Laboratory ID: BA50641-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	0.862	0.559	64.8	5.41	30	10 - 130
1,2,4,5-Tetrachlorobenzene	0.862	0.535	62.1	7.20	30	10 - 133
1,2,4-Trichlorobenzene	0.862	0.576	66.8	4.68	30	10 - 127
1,2-Dichlorobenzene	0.862	0.525	60.9	5.37	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.862	0.550	63.8	6.55	30	10 - 144
1,3-Dichlorobenzene	0.862	0.512	59.4	5.50	30	11 - 111
1,4-Dichlorobenzene	0.862	0.537	62.2	3.16	30	10 - 106
2,3,4,6-Tetrachlorophenol	0.862	0.670	77.7	9.98	30	30 - 130
2,4,5-Trichlorophenol	0.862	0.634	73.5	1.83	30	10 - 127
2,4,6-Trichlorophenol	0.862	0.613	71.1	5.58	30	10 - 132
2,4-Dichlorophenol	0.862	0.650	75.4	4.36	30	10 - 128
2,4-Dimethylphenol	0.862	0.588	68.2	5.03	30	10 - 137
2,4-Dinitrophenol	0.862	0.103	11.9	49.1 *	30	10 - 171
2,4-Dinitrotoluene	0.862	0.566	65.7	6.37	30	16 - 135
2,6-Dinitrotoluene	0.862	0.604	70.0	6.84	30	18 - 131
2-Chloronaphthalene	0.862	0.532	61.8	6.52	30	10 - 129
2-Chlorophenol	0.862	0.581	67.4	7.76	30	15 - 116
2-Methylnaphthalene	0.862	0.528	61.3	5.34	30	10 - 147
2-Methylphenol	0.862	0.582	67.5	5.08	30	10 - 136
2-Nitroaniline	0.862	0.655	75.9	3.93	30	10 - 137
2-Nitrophenol	0.862	0.599	69.5	13.8	30	10 - 129
3- & 4-Methylphenols	0.862	0.512	59.4	6.89	30	10 - 123
3,3-Dichlorobenzidine	0.862	0.382	44.3	11.7	30	10 - 155
3-Nitroaniline	0.862	0.535	62.1	0.00	30	12 - 133
4,6-Dinitro-2-methylphenol	0.862	0.121	14.0	55.1 *	30	10 - 155
4-Bromophenyl phenyl ether	0.862	0.544	63.1	3.85	30	14 - 128
4-Chloro-3-methylphenol	0.862	0.624	72.4	5.48	30	10 - 134
4-Chloroaniline	0.862	0.338	39.2	8.22	30	10 - 145
4-Chlorophenyl phenyl ether	0.862	0.540	62.6	4.49	30	14 - 130
4-Nitroaniline	0.862	0.555	64.4	6.81	30	10 - 147
4-Nitrophenol	0.862	0.620	71.9	4.46	30	10 - 137
Acenaphthene	0.862	0.527	61.1	5.84	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

SB001(2 IN-24IN)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50641
Laboratory ID: BA50641-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	0.862	0.548	63.6	5.50	30	10 - 134
Acetophenone	0.862	0.538	62.4	5.85	30	10 - 116
Aniline	0.862	0.446	51.8	8.15	30	10 - 123
Anthracene	0.862	0.553	64.2	5.46	30	10 - 142
Atrazine	0.862	0.555	64.3	6.03	30	19 - 115
Benzaldehyde	0.862	0.539	62.6	8.45	30	10 - 125
Benzo(a)anthracene	0.862	0.575	60.3	7.95	30	10 - 158
Benzo(a)pyrene	0.862	0.552	64.0	7.58	30	10 - 180
Benzo(b)fluoranthene	0.862	0.581	62.1	9.29	30	10 - 200
Benzo(g,h,i)perylene	0.862	0.486	56.4	16.3	30	10 - 138
Benzo(k)fluoranthene	0.862	0.532	61.8	7.00	30	10 - 197
Benzoic acid	0.862	0.390	45.3	30.3 *	30	10 - 166
Benzyl alcohol	0.862	0.548	63.5	7.05	30	12 - 124
Benzyl butyl phthalate	0.862	0.548	63.6	5.27	30	10 - 154
Bis(2-chloroethoxy)methane	0.862	0.550	63.8	6.90	30	10 - 132
Bis(2-chloroethyl)ether	0.862	0.539	62.5	5.36	30	10 - 119
Bis(2-chloroisopropyl)ether	0.862	0.526	61.0	5.73	30	10 - 139
Bis(2-ethylhexyl)phthalate	0.862	0.550	63.8	5.25	30	10 - 167
Caprolactam	0.862	0.672	78.0	0.409	30	10 - 132
Carbazole	0.862	0.537	62.2	4.65	30	10 - 167
Chrysene	0.862	0.550	58.1	8.76	30	10 - 156
Dibenzo(a,h)anthracene	0.862	0.503	58.3	10.8	30	10 - 137
Dibenzofuran	0.862	0.545	63.2	5.30	30	10 - 147
Diethyl phthalate	0.862	0.533	61.8	6.51	30	20 - 120
Dimethyl phthalate	0.862	0.530	61.5	7.03	30	18 - 131
Di-n-butyl phthalate	0.862	0.555	64.4	4.37	30	10 - 137
Di-n-octyl phthalate	0.862	0.589	68.3	3.79	30	10 - 180
Fluoranthene	0.862	0.575	54.6	9.60	30	10 - 160
Fluorene	0.862	0.545	63.2	2.99	30	10 - 157
Hexachlorobenzene	0.862	0.554	64.2	4.03	30	10 - 137
Hexachlorobutadiene	0.862	0.555	64.4	2.70	30	10 - 132
Hexachlorocyclopentadiene	0.862	0.101	11.7	15.2	30	10 - 106
Hexachloroethane	0.862	0.441	51.2	5.18	30	10 - 110

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Instrument: MSBNA9
Calibration Date: 01/09/25 00:09

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5636684	9.079173	7.713	1.827196E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.3528569	6.500748	7.44	1.680764E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2180511	7.248601	6.528	2.272826E-02			20	
1,2-Dichlorobenzene	1.407891	8.094926	5.644	1.017298E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9202075	10.58488	9.366	2.836835E-02			20	
1,3-Dichlorobenzene	1.415826	8.791568	5.441	6.058229E-03			20	
1,4-Dichlorobenzene	1.473697	8.354359	5.483167	5.445093E-02			20	
1-Methylnaphthalene	0.5407672	7.897665	7.347	2.019464E-02			20	
2,3,4,6-Tetrachlorophenol	9.508644E-02	16.10908	8.90525	1.884551E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.258419	15.26299	7.584375	2.633681E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2386556	13.65262	7.539	8.613584E-03			SPCC (0.2)	
2,4-Dichlorophenol	0.2031536	9.974615	6.443125	5.136206E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2496062	8.213394	6.25025	4.025916E-02			SPCC (0.2)	
2,4-Dinitrophenol	6.420455E-02	44.77351	8.52325	3.607475E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3097274	19.44964	8.720333	3.464395E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2309661	16.90621	8.206	2.139382E-02			SPCC (0.2)	
2-Chloronaphthalene	1.021858	8.766706	7.749	3.006701E-02			SPCC (0.8)	
2-Chlorophenol	1.317031	10.23865	5.32125	5.665708E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6082	7.682208	7.231	1.450993E-02			SPCC (0.4)	
2-Methylphenol	1.109819	8.52858	5.6865	5.212396E-02			SPCC (0.7)	
2-Nitroaniline	0.3413455	17.39286	7.898	2.920695E-02			SPCC (0.01)	
2-Nitrophenol	0.1269698	16.24729	6.2505	4.738997E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.672428	10.53454	5.8025	5.256554E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4342148	10.10199	15.13183	2.775576E-02			SPCC (0.01)	
3-Nitroaniline	0.301429	15.111	8.398	5.518148E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.466289E-02	45.94438	9.307	5.377752E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1787162	11.05968	9.740167	2.158323E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2463904	8.367447	7.06275	3.159045E-02			SPCC (0.2)	
4-Chloroaniline	0.3890625	7.964719	6.647	4.973105E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.4681951	8.759382	9.141	3.698613E-02			SPCC (0.4)	
4-Nitroaniline	0.3169376	15.51491	9.266833	9.475666E-02			SPCC (0.01)	
4-Nitrophenol	0.2065287	18.52087	8.555875	7.017164E-02			SPCC (0.01)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Calibration:	SI40047	Instrument:	BNA #4
		Calibration Date:	09/27/24 00:47

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.190515	13.38963	8.562	2.076424E-02			SPCC (0.9)	
Acenaphthylene	1.854388	11.6949	8.329	2.312329E-02			SPCC (0.9)	
Acetophenone	1.92896	7.748582	5.874	1.972805E-02			SPCC (0.01)	
Alpha Terpineol	0.249104	10.85824	6.608	3.627135E-02			20	
Aniline	1.879777	10.33882	5.280833	1.187055E-02			SPCC ()	
Anthracene	1.189104	9.402161	10.45967	0.0156616			SPCC (0.7)	
Atrazine	0.2237447	7.999796	10.03	3.528572E-02			SPCC (0.01)	
Benzaldehyde	1.046415	10.52013	5.166	6.127672E-02			SPCC (0.01)	
Benzidine	0.7324164	13.76383	12.543	1.740178E-02			20	
Benzo(a)anthracene	1.272608	11.29141	15.16617	2.422315E-02			SPCC (0.8)	
Benzo(a)pyrene	1.322637	11.76216	18.114	5.035708E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.342757	11.70771	17.472	5.837699E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.118613	8.665437	20.67	0.069332			SPCC (0.5)	
Benzo(k)fluoranthene	1.348658	10.41281	17.52067	4.478088E-02			SPCC (0.7)	
Benzoic acid	0.1691632	26.22099	6.390833	0.2574699			20	*
Benzyl alcohol	0.9714783	11.27743	5.643	5.546575E-02			20	
Benzyl butyl phthalate	0.5958634	11.15794	14.13467	3.325747E-02			20	
Bis(2-chloroethoxy)methane	0.3619514	11.96665	6.392	1.236134E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.357576	10.53728	5.3155	3.547229E-03			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.997817	11.10376	5.763167	1.086669E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8673083	11.0031	15.47	1.488237E-02			20	
Caprolactam	0.1073086	18.88502	7.019167	0.1804134			SPCC (0.01)	
Carbazole	1.166132	6.845147	10.677	3.344963E-02			SPCC (0.01)	
Chrysene	1.232731	10.56364	15.26217	4.742228E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.197071	7.906089	20.23167	0.0541139			SPCC (0.4)	
Dibenzofuran	1.672496	10.75431	8.7675	3.276231E-02			SPCC (0.8)	
Diethyl phthalate	1.34245	11.08788	9.104	2.140413E-02			SPCC (0.01)	
Dimethyl phthalate	1.303929	11.93317	8.168	4.192371E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.353576	8.902694	11.242	2.406497E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.564314	14.07218	16.801	1.626532E-02			SPCC (0.01)	
Diphenylamine	0.7106897	9.902795	9.4065	2.252834E-02			20	
Fluoranthene	1.302718	9.845406	12.264	2.220629E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5210596	9.631241	6.787666	3.882475E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6286456	36.99744	6.544	5.095324E-02			SPCC (0.01)	*
1,2,4-Trichlorobenzene	0.3692158	7.565636	5.737167	4.121605E-02			20	
1,2-Dichlorobenzene	1.328739	9.008201	4.905167	4.609696E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9236288	11.34452	8.2525	8.070248E-02			20	
1,3-Dichlorobenzene	1.392748	9.687186	4.708833	0.0754727			20	
1,4-Dichlorobenzene	1.423776	8.798077	4.752	6.727402E-02			20	
1-Methylnaphthalene	0.6718616	7.382492	6.456	5.228883E-02			20	
2,3,4,6-Tetrachlorophenol	0.1373339	17.24272	7.8225	6.849911E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3556986	14.8238	6.670625	7.535108E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3306429	13.68017	6.634125	6.495217E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.3139737	10.45447	5.665625	7.507319E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.299699	9.615796	5.506375	0.082391			SPCC (0.2)	
2,4-Dinitrophenol	0.0995996	44.99158	7.496	8.617402E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3473344	14.01777	7.675	5.842354E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2647656	14.13349	7.226	4.726879E-02			SPCC (0.2)	
2-Chloronaphthalene	1.030418	9.352756	6.809	5.344491E-02			SPCC (0.8)	
2-Chlorophenol	1.145313	12.7347	4.592875	7.867043E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7618954	6.61043	6.357	4.763496E-02			SPCC (0.4)	
2-Methylphenol	0.9357983	11.74908	4.970125	8.660268E-02			SPCC (0.7)	
2-Nitroaniline	0.3302268	12.30368	6.946667	4.274668E-02			SPCC (0.01)	
2-Nitrophenol	0.1903218	15.32708	5.485	5.809781E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.485562	14.12555	5.083875	0.1217439			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5393098	37.14939	14.00967	4.229816E-02			SPCC (0.01)	*
3-Nitroaniline	0.2879379	11.4662	7.386	5.878819E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.862029E-02	39.44095	8.192625	0.1331681			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2283214	9.724931	8.735666	4.469188E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3567354	10.85536	6.2345	8.468811E-02			SPCC (0.2)	
4-Chloroaniline	0.4836703	10.19953	5.85	0.0396516			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6314339	10.4326	8.042	4.539845E-02			SPCC (0.4)	
4-Nitroaniline	0.285602	11.21112	8.1555	0.1726248			SPCC (0.01)	
4-Nitrophenol	0.2770608	19.22033	7.544	0.1492218			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.007899	9.693437	7.445	4.116506E-02			SPCC (0.9)	
Acenaphthylene	1.587889	11.68843	7.241	4.280831E-02			SPCC (0.9)	
Acetophenone	2.204773	30.54575	5.089833	6.058735E-02			SPCC (0.01)	*
Alpha Terpineol	0.3752998	7.230714	5.772	4.312225E-02			20	
Aniline	1.716022	9.083708	4.511833	4.888691E-02			SPCC ()	
Anthracene	1.015651	13.49075	9.493875	6.403419E-02			SPCC (0.7)	
Atrazine	0.2758211	36.94055	9.065167	7.340258E-02			SPCC (0.01)	*
Benzaldehyde	1.163089	28.65378	4.396	6.789163E-02			SPCC (0.01)	*
Benzidine	0.5627871	38.99798	11.444	4.869725E-02			20	*
Benzo(a)anthracene	1.231527	9.676298	13.933	3.934959E-02			SPCC (0.8)	
Benzo(a)pyrene	1.138423	11.34317	16.82333	5.061575E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.186662	11.02621	16.19517	0.0554783			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9665391	11.09916	19.304	7.239531E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.18061	11.02404	16.24633	6.049351E-02			SPCC (0.7)	
Benzoic acid	0.2685668	31.55703	5.618167	0.5632807			20	*
Benzyl alcohol	0.8464322	9.956443	4.870333	0.0419235			20	
Benzyl butyl phthalate	0.6032026	11.15944	13.004	2.672766E-02			20	
Bis(2-chloroethoxy)methane	0.476096	7.54432	5.585	5.493861E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.199552	11.47052	4.556375	8.047474E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.438674	8.932692	4.99	5.861037E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8168326	11.27144	14.342	3.126614E-02			20	
Caprolactam	0.1332083	26.92498	6.134	0.3002727			SPCC (0.01)	*
Carbazole	0.941736	11.35232	9.703125	6.506867E-02			SPCC (0.01)	
Chrysene	1.189333	9.756131	14.029	4.584147E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9779294	14.23232	18.9295	6.352516E-02			SPCC (0.4)	
Dibenzofuran	1.471969	10.90912	7.624167	5.498305E-02			SPCC (0.8)	
Diethyl phthalate	1.269186	10.12236	7.956	5.801661E-02			SPCC (0.01)	
Dimethyl phthalate	1.212843	9.433849	7.136667	4.031344E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.183674	13.04436	10.263	3.000469E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.375723	13.01365	15.663	0.0290758			SPCC (0.01)	
Diphenylamine	0.5993826	9.795696	8.217833	5.146407E-02			20	
Fluoranthene	1.16683	9.689815	11.152	4.610446E-02			SPCC (0.6)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers Project: ORFD2301

Calibration: SL40038 Instrument: BNA#6

Calibration Date: 12/13/24 00:14

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.056851	4.293211	7.62	1.739022E-02			SPCC (0.9)	
Acenaphthylene	1.739787	5.857897	7.42	1.347544E-02			SPCC (0.9)	
Acetophenone	2.692726	9.455121	5.373333	9.583287E-02			SPCC (0.01)	
Alpha Terpineol	0.4164434	9.445233	5.995	9.061081E-02			20	
Aniline	2.32718	4.357813	4.85	2.205712E-03			SPCC ()	
Anthracene	1.129148	5.098016	9.74	2.158541E-02			SPCC (0.7)	
Atrazine	0.2519675	10.53547	9.211667	0.0495191			SPCC (0.01)	
Benzaldehyde	1.390721	7.547339	4.75	0			SPCC (0.01)	
Benzidine	0.6802526	10.92372	12.27	2.231413E-02			20	
Benzo(a)anthracene	1.315848	6.824658	15.07167	2.633941E-02			SPCC (0.8)	
Benzo(a)pyrene	1.258366	6.416057	18.11333	2.420298E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.275583	6.465119	17.455	3.162475E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.031278	6.027164	20.71333	4.734635E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.330352	6.316503	17.505	4.658895E-02			SPCC (0.7)	
Benzoic acid	0.4425136	7.953936	5.806667	0.2091941			20	
Benzyl alcohol	1.178303	3.953109	5.17	7.356541E-03			20	
Benzyl butyl phthalate	0.5876782	7.538345	14.02167	2.686936E-02			20	
Bis(2-chloroethoxy)methane	0.5667398	27.16436	5.848333	1.186701			SPCC (0.3)	*
Bis(2-chloroethyl)ether	1.783838	6.506241	4.89	1.957201E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.183058	8.321138	5.28	1.458778E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8767199	6.155489	15.43	1.701412E-02			20	
Caprolactam	0.1416889	11.64345	6.318333	0.1558557			SPCC (0.01)	
Carbazole	1.010999	5.351314	10.035	5.168434E-02			SPCC (0.01)	
Chrysene	1.295428	7.507997	15.17333	3.458342E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.048738	2.960424	20.26833	4.067146E-02			SPCC (0.4)	
Dibenzofuran	1.753503	5.50337	7.8	1.398662E-02			SPCC (0.8)	
Diethyl phthalate	1.469231	7.638023	8.113333	6.234025E-02			SPCC (0.01)	
Dimethyl phthalate	1.505929	9.512533	7.303333	6.915268E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.232148	7.017485	10.79333	5.134563E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.502514	6.615121	16.79667	2.686135E-02			SPCC (0.01)	
Diphenylamine	0.5209964	4.940428	8.38	1.581306E-02			20	
Fluoranthene	1.370998	6.081782	11.93	1.261013E-02			SPCC (0.6)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV1
Sequence: S5A1005
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	32.9	9.6	30.00
1,2-Dichlorobenzene	30.0	30.4	1.2	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	31.4	4.5	30.00
1,3-Dichlorobenzene	30.0	31.3	4.4	30.00
1,4-Dichlorobenzene	30.0	30.4	1.3	30.00
1-Methylnaphthalene	30.0	30.3	1.0	30.00
2,3,4,6-Tetrachlorophenol	30.0	40.6	35.5 *	30.00
2,4,5-Trichlorophenol	30.0	34.4	14.7	30.00
2,4,6-Trichlorophenol	30.0	34.7	15.6	30.00
2,4-Dichlorophenol	30.0	35.4	17.9	30.00
2,4-Dimethylphenol	30.0	36.8	22.8	30.00
2,4-Dinitrophenol	30.0	43.3	44.3 *	30.00
2,4-Dinitrotoluene	30.0	36.5	21.6	30.00
2,6-Dinitrotoluene	30.0	35.8	19.2	30.00
2-Chloronaphthalene	30.0	30.0	0.2	30.00
2-Chlorophenol	30.0	33.1	10.3	30.00
2-Methylnaphthalene	30.0	33.5	11.5	30.00
2-Methylphenol	30.0	31.6	5.3	30.00
2-Nitroaniline	30.0	34.3	14.3	30.00
2-Nitrophenol	30.0	40.1	33.7 *	30.00
3- & 4-Methylphenols	30.0	28.2	-6.1	30.00
3-Nitroaniline	30.0	33.9	13.1	30.00
4,6-Dinitro-2-methylphenol	30.0	45.6	51.9 *	30.00
4-Bromophenyl phenyl ether	30.0	30.1	0.2	30.00
4-Chloro-3-methylphenol	30.0	34.2	14.1	30.00
4-Chloroaniline	30.0	33.7	12.4	30.00
4-Chlorophenyl phenyl ether	30.0	31.0	3.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV1
Sequence: S5A1005
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	30.3	1.1	30.00
Fluorene	30.0	30.3	1.1	30.00
Hexachlorobenzene	30.0	30.4	1.3	30.00
Hexachlorobutadiene	30.0	32.8	9.3	30.00
Hexachlorocyclopentadiene	30.0	35.0	16.5	30.00
Hexachloroethane	30.0	30.8	2.8	30.00
Indeno(1,2,3-cd)pyrene	30.0	34.1	13.7	30.00
Isophorone	30.0	32.0	6.6	30.00
Naphthalene	30.0	32.2	7.2	30.00
Nitrobenzene	30.0	33.4	11.4	30.00
N-Nitrosodimethylamine	30.0	32.0	6.5	30.00
N-nitroso-di-n-propylamine	30.0	28.5	-4.9	30.00
N-Nitrosodiphenylamine	30.0	34.6	15.4	30.00
Pentachlorophenol	30.0	46.5	55.0 *	30.00
Phenanthrene	30.0	30.3	0.9	30.00
Phenol	30.0	31.2	4.0	30.00
Pyrene	30.0	29.7	-1.1	30.00
Pyridine	30.0	29.6	-1.2	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV2
Sequence: S5A1005
Standard ID: S24K021

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	30.2	0.6	30.00
3,3-Dichlorobenzidine	30.0	33.6	12.0	30.00
Acetophenone	30.0	30.5	1.7	30.00
Atrazine	30.0	30.9	3.1	30.00
Benzaldehyde	30.0	33.1	10.2	30.00
Benzidine	30.0	46.7	55.6 *	30.00
Benzoic acid	30.0	36.0	20.0	30.00
Caprolactam	30.0	39.0	30.0	30.00
Pentachloronitrobenzene	30.0	32.4	7.9	30.00
Parathion	30.0	35.4	18.1	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40047
Laboratory ID: S4I3021-SCV1
Sequence: S4I3021
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	29.4	-2.0	30.00
1,2-Dichlorobenzene	30.0	28.1	-6.3	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	28.4	-5.4	30.00
1,3-Dichlorobenzene	30.0	28.8	-3.9	30.00
1,4-Dichlorobenzene	30.0	28.0	-6.6	30.00
1-Methylnaphthalene	30.0	26.6	-11.5	30.00
2,3,4,6-Tetrachlorophenol	30.0	33.8	12.8	30.00
2,4,5-Trichlorophenol	30.0	29.4	-1.9	30.00
2,4,6-Trichlorophenol	30.0	29.0	-3.4	30.00
2,4-Dichlorophenol	30.0	30.0	0.03	30.00
2,4-Dimethylphenol	30.0	20.1	-32.9 *	30.00
2,4-Dinitrophenol	30.0	37.1	23.7	30.00
2,4-Dinitrotoluene	30.0	31.2	4.1	30.00
2,6-Dinitrotoluene	30.0	31.1	3.7	30.00
2-Chloronaphthalene	30.0	28.4	-5.2	30.00
2-Chlorophenol	30.0	29.5	-1.7	30.00
2-Methylnaphthalene	30.0	28.2	-5.9	30.00
2-Methylphenol	30.0	27.2	-9.2	30.00
2-Nitroaniline	30.0	29.4	-2.0	30.00
2-Nitrophenol	30.0	29.6	-1.4	30.00
3- & 4-Methylphenols	30.0	24.6	-18.1	30.00
3-Nitroaniline	30.0	29.6	-1.4	30.00
4,6-Dinitro-2-methylphenol	30.0	37.2	24.1	30.00
4-Bromophenyl phenyl ether	30.0	28.2	-6.0	30.00
4-Chloro-3-methylphenol	30.0	29.4	-1.9	30.00
4-Chloroaniline	30.0	27.0	-9.9	30.00
4-Chlorophenyl phenyl ether	30.0	27.7	-7.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40047
Laboratory ID: S4I3021-SCV1
Sequence: S4I3021
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	27.8	-7.4	30.00
Fluorene	30.0	27.6	-7.9	30.00
Hexachlorobenzene	30.0	28.0	-6.8	30.00
Hexachlorobutadiene	30.0	27.6	-7.8	30.00
Hexachlorocyclopentadiene	30.0	13.8	-53.9 *	30.00
Hexachloroethane	30.0	28.3	-5.6	30.00
Indeno(1,2,3-cd)pyrene	30.0	30.3	1.0	30.00
Isophorone	30.0	28.4	-5.3	30.00
Naphthalene	30.0	29.8	-0.6	30.00
Nitrobenzene	30.0	28.6	-4.8	30.00
N-Nitrosodimethylamine	30.0	28.3	-5.6	30.00
N-nitroso-di-n-propylamine	30.0	26.9	-10.2	30.00
N-Nitrosodiphenylamine	30.0	32.4	8.1	30.00
Pentachlorophenol	30.0	33.1	10.4	30.00
Phenanthrene	30.0	28.8	-4.1	30.00
Phenol	30.0	28.9	-3.6	30.00
Pyrene	30.0	27.3	-8.9	30.00
Pyridine	30.0	20.3	-32.3 *	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	29.7	-1.1	30.00
1,2-Dichlorobenzene	30.0	29.8	-0.8	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	32.2	7.5	30.00
1,3-Dichlorobenzene	30.0	29.6	-1.2	30.00
1,4-Dichlorobenzene	30.0	29.1	-3.0	30.00
1-Methylnaphthalene	30.0	27.8	-7.2	30.00
2,3,4,6-Tetrachlorophenol	30.0	40.6	35.3 *	30.00
2,4,5-Trichlorophenol	30.0	34.2	14.1	30.00
2,4,6-Trichlorophenol	30.0	34.2	14.1	30.00
2,4-Dichlorophenol	30.0	32.4	7.9	30.00
2,4-Dimethylphenol	30.0	35.2	17.2	30.00
2,4-Dinitrophenol	30.0	37.9	26.3	30.00
2,4-Dinitrotoluene	30.0	35.7	19.0	30.00
2,6-Dinitrotoluene	30.0	35.3	17.8	30.00
2-Chloronaphthalene	30.0	29.8	-0.6	30.00
2-Chlorophenol	30.0	33.6	12.1	30.00
2-Methylnaphthalene	30.0	30.2	0.8	30.00
2-Methylphenol	30.0	35.8	19.3	30.00
2-Nitroaniline	30.0	35.2	17.5	30.00
2-Nitrophenol	30.0	35.3	17.7	30.00
3- & 4-Methylphenols	30.0	29.8	-0.7	30.00
3-Nitroaniline	30.0	35.7	18.9	30.00
4,6-Dinitro-2-methylphenol	30.0	48.3	61.1 *	30.00
4-Bromophenyl phenyl ether	30.0	32.7	8.9	30.00
4-Chloro-3-methylphenol	30.0	34.3	14.3	30.00
4-Chloroaniline	30.0	30.3	1.0	30.00
4-Chlorophenyl phenyl ether	30.0	30.6	2.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	28.8	-4.1	30.00
Fluorene	30.0	29.2	-2.7	30.00
Hexachlorobenzene	30.0	37.3	24.4	30.00
Hexachlorobutadiene	30.0	29.9	-0.3	30.00
Hexachlorocyclopentadiene	30.0	32.7	9.0	30.00
Hexachloroethane	30.0	33.2	10.6	30.00
Indeno(1,2,3-cd)pyrene	30.0	33.3	11.0	30.00
Isophorone	30.0	29.3	-2.3	30.00
Naphthalene	30.0	28.5	-5.1	30.00
Nitrobenzene	30.0	29.9	-0.4	30.00
N-Nitrosodimethylamine	30.0	34.7	15.6	30.00
N-nitroso-di-n-propylamine	30.0	39.8	32.6 *	30.00
N-Nitrosodiphenylamine	30.0	40.2	34.1 *	30.00
Pentachlorophenol	30.0	35.7	18.9	30.00
Phenanthrene	30.0	29.4	-2.0	30.00
Phenol	30.0	33.7	12.3	30.00
Pyrene	30.0	31.0	3.5	30.00
Pyridine	30.0	29.1	-2.9	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV2
Sequence: S4L1716
Standard ID: S24K021

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	26.1	-12.9	30.00
3,3-Dichlorobenzidine	30.0	26.7	-11.1	30.00
Acetophenone	30.0	26.2	-12.6	30.00
Atrazine	30.0	30.9	3.1	30.00
Benzaldehyde	30.0	29.7	-1.1	30.00
Benzidine	30.0	40.7	35.7 *	30.00
Benzoic acid	30.0	31.4	4.5	30.00
Caprolactam	30.0	34.2	14.1	30.00
Pentachloronitrobenzene	30.0	37.2	24.1	30.00
Parathion	30.0	42.4	41.5 *	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40038
Laboratory ID: S4L1938-SCV1
Sequence: S4L1938
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	31.3	4.3	30.00
1,2-Dichlorobenzene	30.0	29.4	-1.9	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	30.8	2.6	30.00
1,3-Dichlorobenzene	30.0	30.2	0.7	30.00
1,4-Dichlorobenzene	30.0	29.8	-0.8	30.00
1-Methylnaphthalene	30.0	30.0	0.03	30.00
2,3,4,6-Tetrachlorophenol	30.0	36.4	21.5	30.00
2,4,5-Trichlorophenol	30.0	32.2	7.2	30.00
2,4,6-Trichlorophenol	30.0	30.8	2.5	30.00
2,4-Dichlorophenol	30.0	32.4	7.8	30.00
2,4-Dimethylphenol	30.0	38.1	27.0	30.00
2,4-Dinitrophenol	30.0	33.4	11.4	30.00
2,4-Dinitrotoluene	30.0	33.9	12.9	30.00
2,6-Dinitrotoluene	30.0	29.9	-0.2	30.00
2-Chloronaphthalene	30.0	30.9	2.9	30.00
2-Chlorophenol	30.0	30.7	2.4	30.00
2-Methylnaphthalene	30.0	32.0	6.7	30.00
2-Methylphenol	30.0	29.8	-0.5	30.00
2-Nitroaniline	30.0	31.0	3.3	30.00
2-Nitrophenol	30.0	35.1	17.0	30.00
3- & 4-Methylphenols	30.0	26.3	-12.5	30.00
3-Nitroaniline	30.0	31.0	3.3	30.00
4,6-Dinitro-2-methylphenol	30.0	31.3	4.4	30.00
4-Bromophenyl phenyl ether	30.0	29.8	-0.7	30.00
4-Chloro-3-methylphenol	30.0	35.5	18.3	30.00
4-Chloroaniline	30.0	34.1	13.7	30.00
4-Chlorophenyl phenyl ether	30.0	31.0	3.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40038
Laboratory ID: S4L1938-SCV1
Sequence: S4L1938
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
4-Nitroaniline	30.0	31.4	4.7	30.00
4-Nitrophenol	30.0	29.8	-0.5	30.00
Acenaphthene	30.0	29.2	-2.6	30.00
Acenaphthylene	30.0	29.5	-1.7	30.00
Aniline	30.0	34.5	15.1	30.00
Anthracene	30.0	29.7	-0.9	30.00
Benzo(a)anthracene	30.0	30.2	0.7	30.00
Benzo(a)pyrene	30.0	28.5	-4.9	30.00
Benzo(b)fluoranthene	30.0	29.5	-1.5	30.00
Benzo(g,h,i)perylene	30.0	33.8	12.7	30.00
Benzo(k)fluoranthene	30.0	29.0	-3.3	30.00
Benzyl alcohol	30.0	29.8	-0.7	30.00
Benzyl butyl phthalate	30.0	30.0	-0.1	30.00
Bis(2-chloroethoxy)methane	30.0	36.1	20.3	30.00
Bis(2-chloroethyl)ether	30.0	27.6	-7.9	30.00
Bis(2-chloroisopropyl)ether	30.0	29.8	-0.7	30.00
Bis(2-ethylhexyl)phthalate	30.0	29.1	-3.1	30.00
Carbazole	30.0	30.4	1.2	30.00
Chrysene	30.0	28.7	-4.5	30.00
Cresols, total	60.0	56.1	-6.5	30.00
Dibenzo(a,h)anthracene	30.0	31.0	3.4	30.00
Dibenzofuran	30.0	31.3	4.4	30.00
Diethyl phthalate	30.0	29.6	-1.5	30.00
Dimethyl phthalate	30.0	29.9	-0.3	30.00
Di-n-butyl phthalate	30.0	30.1	0.4	30.00
Di-n-octyl phthalate	30.0	28.6	-4.5	30.00
Diphenylamine	30.0	36.3	20.9	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40038
Laboratory ID: S4L1938-SCV2
Sequence: S4L1938
Standard ID: S24K021

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	32.8	9.5	30.00
3,3-Dichlorobenzidine	30.0	65.6	119 *	30.00
Acetophenone	30.0	34.3	14.5	30.00
Atrazine	30.0	35.4	18.0	30.00
Benzaldehyde	30.0	33.8	12.8	30.00
Benzidine	30.0	38.7	29.0	30.00
Benzoic acid	30.0	27.0	-10.0	30.00
Caprolactam	30.0	35.9	19.7	30.00
Pentachloronitrobenzene	30.0	34.8	15.9	30.00
Parathion	30.0	35.7	18.9	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #4	Calibration:	SI40047
Lab File ID:	SV4419602.D	Calibration Date:	09/27/24 00:47
Sequence:	S5A1307	Injection Date:	01/11/25
Lab Sample ID:	S5A1307-CCV1	Injection Time:	14:26

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.3	0.5989004	0.5655553	0.01	-5.6	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	31.8	0.5018973	0.5316216	0.01	5.9	20	
1,2,4-Trichlorobenzene	A	30.0	32.0	0.268735	0.2866074		6.7	20	
1,2-Dichlorobenzene	A	30.0	29.0	1.485874	1.436641		-3.3	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	23.0	0.8477732	0.6513273		-23.2	20	*
1,3-Dichlorobenzene	A	30.0	27.6	1.518814	1.399948		-7.8	20	
1,4-Dichlorobenzene	A	30.0	29.8	1.559865	1.547971		-0.8	20	
1-Methylnaphthalene	A	30.0	27.6	0.6351615	0.5854562		-7.8	20	
2,3,4,6-Tetrachlorophenol	A	30.0	26.4	0.1156758	0.1016839	0.01	-12.1	20	
2,4,5-Trichlorophenol	A	30.0	28.2	0.3534119	0.3315751	0.2	-6.2	20	
2,4,6-Trichlorophenol	A	30.0	30.1	0.3305714	0.3315751	0.2	0.3	20	
2,4-Dichlorophenol	A	30.0	30.3	0.250621	0.2532131	0.2	1.0	20	
2,4-Dimethylphenol	A	30.0	27.8	0.2773162	0.2567053	0.2	-7.4	20	
2,4-Dinitrophenol	A	30.0	26.7	0.1165294	0.1037808	0.01	-10.9	20	
2,4-Dinitrotoluene	A	30.0	33.6	0.3891247	0.436057	0.2	12.1	20	
2,6-Dinitrotoluene	A	30.0	33.5	0.2891463	0.3232352	0.2	11.8	20	
2-Chloronaphthalene	A	30.0	29.1	1.103452	1.071114	0.8	-2.9	20	
2-Chlorophenol	A	30.0	28.0	1.409475	1.316113	0.8	-6.6	20	
2-Methylnaphthalene	A	30.0	26.6	0.7142011	0.6326205	0.4	-11.4	20	
2-Methylphenol	A	30.0	27.7	1.124109	1.038916	0.7	-7.6	20	
2-Nitroaniline	A	30.0	29.0	0.4027376	0.389469	0.01	-3.3	20	
2-Nitrophenol	A	30.0	31.7	0.1657286	0.1749943	0.1	5.6	20	
3- & 4-Methylphenols	A	30.0	28.1	1.723709	1.613821	0.6	-6.4	20	
3,3-Dichlorobenzidine	A	30.0	34.2	0.4810011	0.5481423	0.01	14.0	20	
3-Nitroaniline	A	30.0	28.9	0.3610088	0.3476839	0.01	-3.7	20	
4,6-Dinitro-2-methylphenol	A	30.0	30.0	0.1131351	0.1130807	0.01	-0.05	20	
4-Bromophenyl phenyl ether	A	30.0	34.3	0.2189692	0.2503359	0.1	14.3	20	
4-Chloro-3-methylphenol	A	30.0	31.1	0.2721804	0.2825324	0.2	3.8	20	
4-Chloroaniline	A	30.0	27.3	0.4108423	0.3739404	0.01	-9.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #4	Calibration:	SI40047
Lab File ID:	SV4419602.D	Calibration Date:	09/27/24 00:47
Sequence:	S5A1307	Injection Date:	01/11/25
Lab Sample ID:	S5A1307-CCV1	Injection Time:	14:26

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	30.8	0.6398809	0.6562029	0.4	2.6	20	
4-Nitroaniline	A	30.0	28.1	0.373945	0.3497681	0.01	-6.5	20	
4-Nitrophenol	A	30.0	48.3	0.2278921	0.3672251	0.01	61.1	20	*
Acenaphthene	A	30.0	27.3	1.190515	1.085103	0.9	-8.9	20	
Acenaphthylene	A	30.0	28.0	1.854388	1.731231	0.9	-6.6	20	
Acetophenone	A	30.0	29.1	1.92896	1.87232	0.01	-2.9	20	
Alpha Terpineol	A	30.0	21.4	0.249104	0.1778301		-28.6	20	*
Aniline	A	30.0	25.8	1.879777	1.613367		-14.2	20	
Anthracene	A	30.0	27.8	1.189104	1.099768	0.7	-7.5	20	
Atrazine	A	30.0	31.0	0.2237447	0.231123	0.01	3.3	20	
Benzaldehyde	A	30.0	26.3	1.046415	0.9169024	0.01	-12.4	20	
Benzidine	A	30.0	25.9	0.7324164	0.6313946		-13.8	20	
Benzo(a)anthracene	A	30.0	28.2	1.272608	1.197648	0.8	-5.9	20	
Benzo(a)pyrene	A	30.0	30.2	1.322637	1.33073	0.7	0.6	20	
Benzo(b)fluoranthene	A	30.0	28.8	1.342757	1.289965	0.7	-3.9	20	
Benzo(g,h,i)perylene	A	30.0	31.3	1.118613	1.167452	0.5	4.4	20	
Benzo(k)fluoranthene	A	30.0	28.7	1.348658	1.289965	0.7	-4.4	20	
Benzoic acid	A	30.0	1.94	0.1691632	1.093415E-02		-93.5	20	*
Benzyl alcohol	A	30.0	27.1	0.9714783	0.8778887		-9.6	20	
Benzyl butyl phthalate	A	30.0	26.4	0.5958634	0.5250123		-11.9	20	
Bis(2-chloroethoxy)methane	A	30.0	26.2	0.3619514	0.3167067	0.3	-12.5	20	
Bis(2-chloroethyl)ether	A	30.0	26.6	1.357576	1.202567	0.7	-11.4	20	
Bis(2-chloroisopropyl)ether	A	30.0	12.7	1.997817	0.8451727	0.01	-57.7	20	*
Bis(2-ethylhexyl)phthalate	A	30.0	27.6	0.8673083	0.7968515		-8.1	20	
Caprolactam	A	30.0	31.5	0.1073086	0.1125443	0.01	4.9	20	
Carbazole	A	30.0	25.9	1.166132	1.005032	0.01	-13.8	20	
Chrysene	A	30.0	28.6	1.232731	1.173554	0.7	-4.8	20	
Dibenzo(a,h)anthracene	A	30.0	31.1	1.197071	1.2403	0.4	3.6	20	
Dibenzofuran	A	30.0	28.0	1.672496	1.560655	0.8	-6.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #4	Calibration:	SI40047
Lab File ID:	SV4419602.D	Calibration Date:	09/27/24 00:47
Sequence:	S5A1307	Injection Date:	01/11/25
Lab Sample ID:	S5A1307-CCV1	Injection Time:	14:26

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	28.7	1.34245	1.283335	0.01	-4.4	20	
Dimethyl phthalate	A	30.0	30.5	1.303929	1.325767	0.01	1.7	20	
Di-n-butyl phthalate	A	30.0	28.5	1.353576	1.285254	0.01	-5.0	20	
Di-n-octyl phthalate	A	30.0	27.7	1.564314	1.445817	0.01	-7.6	20	
Diphenylamine	A	30.0	24.9	0.7106897	0.5904195		-16.9	20	
Fluoranthene	A	30.0	30.2	1.302718	1.313418	0.6	0.8	20	
Fluorene	A	30.0	28.0	1.432673	1.33687	0.9	-6.7	20	
Hexachlorobenzene	A	30.0	28.8	9.042911E-02	8.690986E-02	0.1	-3.9	20	
Hexachlorobutadiene	A	30.0	35.6	0.1406043	0.1670085	0.01	18.8	20	
Hexachlorocyclopentadiene	A	30.0	2.77	0.3237648	2.989864E-02	0.05	-90.8	20	*
Hexachloroethane	A	30.0	29.5	0.5474864	0.5380175	0.3	-1.7	20	
Indeno(1,2,3-cd)pyrene	A	30.0	36.2	1.212462	1.461285	0.5	20.5	20	*
Isophorone	A	30.0	27.8	0.5897778	0.5472918	0.4	-7.2	20	
Naphthalene	A	30.0	26.8	1.0085	0.9017978	0.7	-10.6	20	
Nitrobenzene	A	30.0	28.8	0.2944821	0.2831667	0.2	-3.8	20	
N-Nitrosodimethylamine	A	30.0	23.3	0.7989379	0.6202256		-22.4	20	*
N-nitroso-di-n-propylamine	A	30.0	28.9	1.003226	0.96788	0.5	-3.5	20	
N-Nitrosodiphenylamine	A	30.0	24.6	0.2487412	0.2038987	0.01	-18.0	20	
Parathion	A	30.0	33.7	0.1373631	0.1541176		12.2	20	
Pentachloronitrobenzene	A	30.0	35.4	8.085949E-02	9.552662E-02		18.1	20	
Pentachlorophenol	A	30.0	21.2	0.1242226	8.761465E-02	0.05	-29.5	20	*
Phenanthrene	A	30.0	27.1	1.173709	1.061815	0.7	-9.5	20	
Phenol	A	30.0	30.1	1.654644	1.659835	0.8	0.3	20	
Pyrene	A	30.0	27.8	1.232114	1.14059	0.6	-7.4	20	
Pyridine	A	30.0	25.2	1.284132	1.078908		-16.0	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#6	Calibration:	SL40038
Lab File ID:	SV65247.D	Calibration Date:	12/13/24 00:14
Sequence:	S5A1411	Injection Date:	01/13/25
Lab Sample ID:	S5A1411-CCV1	Injection Time:	09:01

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	30.8	0.5603706	0.5763243	0.01	2.8	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	24.7	0.7020023	0.5778787	0.01	-17.7	20	
1,2,4-Trichlorobenzene	A	30.0	19.8	0.4793398	0.3158931		-34.1	20	*
1,2-Dichlorobenzene	A	30.0	31.3	1.405019	1.464867		4.3	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	34.9	0.8271906	0.9628094		16.4	20	
1,3-Dichlorobenzene	A	30.0	30.3	1.429181	1.442916		1.0	20	
1,4-Dichlorobenzene	A	30.0	30.4	1.492632	1.515221		1.5	20	
1-Methylnaphthalene	A	30.0	27.2	0.6529165	0.5908562		-9.5	20	
2,3,4,6-Tetrachlorophenol	A	30.0	32.3	0.138617	0.1491808	0.01	7.6	20	
2,4,5-Trichlorophenol	A	30.0	23.9	0.5353588	0.4268573	0.2	-20.3	20	*
2,4,6-Trichlorophenol	A	30.0	24.5	0.4908008	0.4005647	0.2	-18.4	20	
2,4-Dichlorophenol	A	30.0	22.3	0.3723582	0.276624	0.2	-25.7	20	*
2,4-Dimethylphenol	A	30.0	29.5	0.3200004	0.3145014	0.2	-1.7	20	
2,4-Dinitrophenol	A	30.0	22.5	0.2596744	0.1947758	0.01	-25.0	20	*
2,4-Dinitrotoluene	A	30.0	27.4	0.4838205	0.4413928	0.2	-8.8	20	
2,6-Dinitrotoluene	A	30.0	27.7	0.3563236	0.3291022	0.2	-7.6	20	
2-Chloronaphthalene	A	30.0	27.7	1.15887	1.069694	0.8	-7.7	20	
2-Chlorophenol	A	30.0	35.4	1.1442	1.348126	0.8	17.8	20	
2-Methylnaphthalene	A	30.0	27.4	0.7170047	0.6537991	0.4	-8.8	20	
2-Methylphenol	A	30.0	30.4	1.406674	1.427073	0.7	1.5	20	
2-Nitroaniline	A	30.0	37.3	0.330188	0.4108291	0.01	24.4	20	*
2-Nitrophenol	A	30.0	29.8	0.1969188	0.1958511	0.1	-0.5	20	
3- & 4-Methylphenols	A	30.0	29.0	2.211142	2.141233	0.6	-3.2	20	
3,3-Dichlorobenzidine	A	30.0	56.4	0.5379387	0.5052189	0.01	-6.1	20	
3-Nitroaniline	A	30.0	37.3	0.330188	0.4108291	0.01	24.4	20	*
4,6-Dinitro-2-methylphenol	A	30.0	26.0	0.1654167	0.1436381	0.01	-13.2	20	
4-Bromophenyl phenyl ether	A	30.0	24.7	0.2249517	0.1852484	0.1	-17.6	20	
4-Chloro-3-methylphenol	A	30.0	26.2	0.4830872	0.4223912	0.2	-12.6	20	
4-Chloroaniline	A	30.0	29.1	0.4542629	0.4409334	0.01	-2.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#6	Calibration:	SL40038
Lab File ID:	SV65247.D	Calibration Date:	12/13/24 00:14
Sequence:	S5A1411	Injection Date:	01/13/25
Lab Sample ID:	S5A1411-CCV1	Injection Time:	09:01

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	23.5	0.8171612	0.6395077	0.4	-21.7	20	*
4-Nitroaniline	A	30.0	34.6	0.3015552	0.3480611	0.01	15.4	20	
4-Nitrophenol	A	30.0	28.5	0.3942939	0.3742907	0.01	-5.1	20	
Acenaphthene	A	30.0	29.3	1.056851	1.031348	0.9	-2.4	20	
Acenaphthylene	A	30.0	31.3	1.739787	1.817532	0.9	4.5	20	
Acetophenone	A	30.0	28.2	2.692726	2.526561	0.01	-6.2	20	
Alpha Terpineol	A	30.0	25.6	0.4164434	0.3557949		-14.6	20	
Aniline	A	30.0	28.0	2.32718	2.175384		-6.5	20	
Anthracene	A	30.0	29.0	1.129148	1.091157	0.7	-3.4	20	
Atrazine	A	30.0	29.8	0.2519675	0.2505948	0.01	-0.5	20	
Benzaldehyde	A	30.0	26.3	1.390721	1.220531	0.01	-12.2	20	
Benzidine	A	30.0	28.3	0.6802526	0.6426806		-5.5	20	
Benzo(a)anthracene	A	30.0	29.4	1.315848	1.289405	0.8	-2.0	20	
Benzo(a)pyrene	A	30.0	29.0	1.258366	1.217972	0.7	-3.2	20	
Benzo(b)fluoranthene	A	30.0	29.6	1.275583	1.257333	0.7	-1.4	20	
Benzo(g,h,i)perylene	A	30.0	26.8	1.031278	0.9195018	0.5	-10.8	20	
Benzo(k)fluoranthene	A	30.0	29.4	1.330352	1.304447	0.7	-1.9	20	
Benzoic acid	A	30.0	14.5	0.4425136	0.2133049		-51.8	20	*
Benzyl alcohol	A	30.0	29.1	1.178303	1.142089		-3.1	20	
Benzyl butyl phthalate	A	30.0	38.6	0.5876782	0.7565915		28.7	20	*
Bis(2-chloroethoxy)methane	A	30.0	27.2	0.5667398	0.5140898	0.3	-9.3	20	
Bis(2-chloroethyl)ether	A	30.0	28.4	1.783838	1.686155	0.7	-5.5	20	
Bis(2-chloroisopropyl)ether	A	30.0	30.9	1.183058	1.218189	0.01	3.0	20	
Bis(2-ethylhexyl)phthalate	A	30.0	36.7	0.8767199	1.072764		22.4	20	*
Caprolactam	A	30.0	28.8	0.1416889	0.1359481	0.01	-4.1	20	
Carbazole	A	30.0	30.5	1.010999	1.026575	0.01	1.5	20	
Chrysene	A	30.0	29.1	1.295428	1.256544	0.7	-3.0	20	
Dibenzo(a,h)anthracene	A	30.0	28.5	1.048738	0.9968781	0.4	-4.9	20	
Dibenzofuran	A	30.0	25.4	1.753503	1.481462	0.8	-15.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#6	Calibration:	SL40038
Lab File ID:	SV65247.D	Calibration Date:	12/13/24 00:14
Sequence:	S5A1411	Injection Date:	01/13/25
Lab Sample ID:	S5A1411-CCV1	Injection Time:	09:01

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Diethyl phthalate	A	30.0	30.8	1.469231	1.51039	0.01	2.8	20
Dimethyl phthalate	A	30.0	26.6	1.505929	1.334445	0.01	-11.4	20
Di-n-butyl phthalate	A	30.0	36.1	1.232148	1.484244	0.01	20.5	20 *
Di-n-octyl phthalate	A	30.0	39.6	1.502514	1.981722	0.01	31.9	20 *
Diphenylamine	A	30.0	31.5	0.5209964	0.5476101		5.1	20
Fluoranthene	A	30.0	28.4	1.370998	1.29572	0.6	-5.5	20
Fluorene	A	30.0	25.9	1.470284	1.271304	0.9	-13.5	20
Hexachlorobenzene	A	30.0	35.0	8.201292E-02	0.0956871	0.1 *	16.7	20
Hexachlorobutadiene	A	30.0	18.6	0.3388328	0.21041	0.01	-37.9	20 *
Hexachlorocyclopentadiene	A	30.0	24.1	0.5635235	0.4520579	0.05	-19.8	20
Hexachloroethane	A	30.0	34.2	0.7646041	0.8714094	0.3	14.0	20
Indeno(1,2,3-cd)pyrene	A	30.0	28.9	1.078943	1.039794	0.5	-3.6	20
Isophorone	A	30.0	24.3	1.066636	0.8644965	0.4	-19.0	20
Naphthalene	A	30.0	30.4	1.001592	1.016104	0.7	1.4	20
Nitrobenzene	A	30.0	23.9	0.590846	0.4703804	0.2	-20.4	20 *
N-Nitrosodimethylamine	A	30.0	26.3	0.9327189	0.8178834		-12.3	20
N-nitroso-di-n-propylamine	A	30.0	26.8	1.370437	1.224182	0.5	-10.7	20
N-Nitrosodiphenylamine	A	30.0	32.3	0.1819793	0.195792	0.01	7.6	20
Parathion	A	30.0	38.2	0.2150704	0.2740415		27.4	20 *
Pentachloronitrobenzene	A	30.0	29.5	0.1302972	0.1283004		-1.5	20
Pentachlorophenol	A	30.0	19.8	0.1757606	0.1157172	0.05	-34.2	20 *
Phenanthrene	A	30.0	28.7	1.08886	1.043219	0.7	-4.2	20
Phenol	A	30.0	26.6	2.185811	1.94194	0.8	-11.2	20
Pyrene	A	30.0	29.5	1.320857	1.300781	0.6	-1.5	20
Pyridine	A	30.0	32.0	1.437838	1.531186		6.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70357968.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1414	Injection Date:	01/13/25
Lab Sample ID:	S5A1414-CCV1	Injection Time:	12:44

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	34.0	0.5210596	0.5901322	0.01	13.3	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	26.3	0.6286456	0.5505121	0.01	-12.4	20	
1,2,4-Trichlorobenzene	A	30.0	26.1	0.3692158	0.3216784		-12.9	20	
1,2-Dichlorobenzene	A	30.0	30.6	1.328739	1.356506		2.1	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	30.9	0.9236288	0.9506767		2.9	20	
1,3-Dichlorobenzene	A	30.0	30.8	1.392748	1.428463		2.6	20	
1,4-Dichlorobenzene	A	30.0	31.2	1.423776	1.479799		3.9	20	
1-Methylnaphthalene	A	30.0	27.3	0.6718616	0.6112064		-9.0	20	
2,3,4,6-Tetrachlorophenol	A	30.0	48.6	0.1373339	0.2224689	0.01	62.0	20	*
2,4,5-Trichlorophenol	A	30.0	30.6	0.3556986	0.3623113	0.2	1.9	20	
2,4,6-Trichlorophenol	A	30.0	32.9	0.3306429	0.3623113	0.2	9.6	20	
2,4-Dichlorophenol	A	30.0	28.6	0.3139737	0.2993229	0.2	-4.7	20	
2,4-Dimethylphenol	A	30.0	29.5	0.299699	0.2948398	0.2	-1.6	20	
2,4-Dinitrophenol	A	30.0	50.5	0.0995996	0.1677731	0.01	68.4	20	*
2,4-Dinitrotoluene	A	30.0	34.6	0.3473344	0.3999621	0.2	15.2	20	
2,6-Dinitrotoluene	A	30.0	36.6	0.2647656	0.3232179	0.2	22.1	20	*
2-Chloronaphthalene	A	30.0	29.8	1.030418	1.022069	0.8	-0.8	20	
2-Chlorophenol	A	30.0	32.6	1.145313	1.243129	0.8	8.5	20	
2-Methylnaphthalene	A	30.0	27.1	0.7618954	0.688108	0.4	-9.7	20	
2-Methylphenol	A	30.0	36.7	0.9357983	1.14446	0.7	22.3	20	*
2-Nitroaniline	A	30.0	34.6	0.3302268	0.3810376	0.01	15.4	20	
2-Nitrophenol	A	30.0	31.1	0.1903218	0.197173	0.1	3.6	20	
3- & 4-Methylphenols	A	30.0	33.2	1.485562	1.646713	0.6	10.8	20	
3,3-Dichlorobenzidine	A	30.0	30.2	0.5393098	0.5426306	0.01	0.6	20	
3-Nitroaniline	A	30.0	38.9	0.2879379	0.3737706	0.01	29.8	20	*
4,6-Dinitro-2-methylphenol	A	30.0	43.2	9.862029E-02	0.1421338	0.01	44.1	20	*
4-Bromophenyl phenyl ether	A	30.0	24.7	0.2283214	0.1878004	0.1	-17.7	20	
4-Chloro-3-methylphenol	A	30.0	31.3	0.3567354	0.3717992	0.2	4.2	20	
4-Chloroaniline	A	30.0	28.8	0.4836703	0.4644258	0.01	-4.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70357968.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1414	Injection Date:	01/13/25
Lab Sample ID:	S5A1414-CCV1	Injection Time:	12:44

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	31.0	0.6314339	0.6518069	0.4	3.2	20	
4-Nitroaniline	A	30.0	35.2	0.285602	0.3353849	0.01	17.4	20	
4-Nitrophenol	A	30.0	51.1	0.2770608	0.4716138	0.01	70.2	20	*
Acenaphthene	A	30.0	31.0	1.007899	1.039787	0.9	3.2	20	
Acenaphthylene	A	30.0	30.3	1.587889	1.604422	0.9	1.0	20	
Acetophenone	A	30.0	26.0	2.204773	1.908152	0.01	-13.5	20	
Alpha Terpineol	A	30.0	33.8	0.3752998	0.4228004		12.7	20	
Aniline	A	30.0	35.8	1.716022	2.046144		19.2	20	
Anthracene	A	30.0	32.3	1.015651	1.128698	0.7	11.1	20	
Atrazine	A	30.0	22.9	0.2758211	0.2109396	0.01	-23.5	20	*
Benzaldehyde	A	30.0	26.3	1.163089	1.018516	0.01	-12.4	20	
Benzidine	A	30.0	33.9	0.5627871	0.6357935		13.0	20	
Benzo(a)anthracene	A	30.0	32.7	1.231527	1.341848	0.8	9.0	20	
Benzo(a)pyrene	A	30.0	29.3	1.138423	1.111345	0.7	-2.4	20	
Benzo(b)fluoranthene	A	30.0	29.9	1.186662	1.182944	0.7	-0.3	20	
Benzo(g,h,i)perylene	A	30.0	30.2	0.9665391	0.9731247	0.5	0.7	20	
Benzo(k)fluoranthene	A	30.0	28.1	1.18061	1.104754	0.7	-6.4	20	
Benzoic acid	A	30.0	28.6	0.2685668	0.2563627		-4.5	20	
Benzyl alcohol	A	30.0	34.6	0.8464322	0.9748215		15.2	20	
Benzyl butyl phthalate	A	30.0	39.5	0.6032026	0.7944661		31.7	20	*
Bis(2-chloroethoxy)methane	A	30.0	27.5	0.476096	0.4363699	0.3	-8.3	20	
Bis(2-chloroethyl)ether	A	30.0	32.7	1.199552	1.306398	0.7	8.9	20	
Bis(2-chloroisopropyl)ether	A	30.0	32.6	1.438674	1.565301	0.01	8.8	20	
Bis(2-ethylhexyl)phthalate	A	30.0	37.6	0.8168326	1.025063		25.5	20	*
Caprolactam	A	30.0	27.5	0.1332083	0.1221245	0.01	-8.3	20	
Carbazole	A	30.0	35.0	0.941736	1.099163	0.01	16.7	20	
Chrysene	A	30.0	33.8	1.189333	1.341848	0.7	12.8	20	
Dibenzo(a,h)anthracene	A	30.0	33.0	0.9779294	1.076947	0.4	10.1	20	
Dibenzofuran	A	30.0	29.4	1.471969	1.443029	0.8	-2.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70357968.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1414	Injection Date:	01/13/25
Lab Sample ID:	S5A1414-CCV1	Injection Time:	12:44

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	33.4	1.269186	1.412072	0.01	11.3	20	
Dimethyl phthalate	A	30.0	31.0	1.212843	1.251119	0.01	3.2	20	
Di-n-butyl phthalate	A	30.0	35.7	1.183674	1.407075	0.01	18.9	20	
Di-n-octyl phthalate	A	30.0	36.7	1.375723	1.684565	0.01	22.4	20	*
Diphenylamine	A	30.0	26.8	0.5993826	0.5361572		-10.5	20	
Fluoranthene	A	30.0	33.3	1.16683	1.296643	0.6	11.1	20	
Fluorene	A	30.0	30.9	1.258739	1.295166	0.9	2.9	20	
Hexachlorobenzene	A	30.0	39.7	0.1075898	0.142305	0.1	32.3	20	*
Hexachlorobutadiene	A	30.0	28.2	0.2273609	0.2140974	0.01	-5.8	20	
Hexachlorocyclopentadiene	A	30.0	34.5	0.3442266	0.3961695	0.05	15.1	20	
Hexachloroethane	A	30.0	35.7	0.56423	0.6715337	0.3	19.0	20	
Indeno(1,2,3-cd)pyrene	A	30.0	33.3	0.9721014	1.079646	0.5	11.1	20	
Isophorone	A	30.0	29.1	0.8831455	0.8554772	0.4	-3.1	20	
Naphthalene	A	30.0	27.1	1.050916	0.948417	0.7	-9.8	20	
Nitrobenzene	A	30.0	31.0	0.501855	0.5187775	0.2	3.4	20	
N-Nitrosodimethylamine	A	30.0	43.4	0.7472879	1.08209		44.8	20	*
N-nitroso-di-n-propylamine	A	30.0	43.8	0.9045988	1.32114	0.5	46.0	20	*
N-Nitrosodiphenylamine	A	30.0	30.2	0.2024224	0.2040831	0.01	0.8	20	
Parathion	A	30.0	52.6	0.1432766	0.2510982		75.3	20	*
Pentachloronitrobenzene	A	30.0	43.3	9.971634E-02	0.1439938		44.4	20	*
Pentachlorophenol	A	30.0	25.4	0.136917	0.1159221	0.05	-15.3	20	
Phenanthrene	A	30.0	31.6	1.044994	1.101001	0.7	5.4	20	
Phenol	A	30.0	34.8	1.636453	1.896469	0.8	15.9	20	
Pyrene	A	30.0	32.2	1.309491	1.403161	0.6	7.2	20	
Pyridine	A	30.0	41.4	1.322703	1.824428		37.9	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324826.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1422	Injection Date:	01/13/25
Lab Sample ID:	S5A1422-CCV1	Injection Time:	08:53

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	30.5	0.5636684	0.5722987	0.01	1.5	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.7	0.3528569	0.3610553	0.01	2.3	20	
1,2,4-Trichlorobenzene	A	30.0	31.0	0.2180511	0.2250678		3.2	20	
1,2-Dichlorobenzene	A	30.0	31.2	1.407891	1.464691		4.0	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	31.9	0.9202075	0.9783247		6.3	20	
1,3-Dichlorobenzene	A	30.0	31.8	1.415826	1.502994		6.2	20	
1,4-Dichlorobenzene	A	30.0	30.9	1.473697	1.515998		2.9	20	
1-Methylnaphthalene	A	30.0	30.5	0.5407672	0.5492408		1.6	20	
2,3,4,6-Tetrachlorophenol	A	30.0	38.4	9.508644E-02	0.1216032	0.01	27.9	20	*
2,4,5-Trichlorophenol	A	30.0	35.3	0.258419	0.3044498	0.2	17.8	20	
2,4,6-Trichlorophenol	A	30.0	35.7	0.2386556	0.2842159	0.2	19.1	20	
2,4-Dichlorophenol	A	30.0	33.4	0.2031536	0.2262424	0.2	11.4	20	
2,4-Dimethylphenol	A	30.0	32.3	0.2496062	0.2684117	0.2	7.5	20	
2,4-Dinitrophenol	A	30.0	63.3	6.420455E-02	0.135478	0.01	111	20	*
2,4-Dinitrotoluene	A	30.0	38.2	0.3097274	0.3943967	0.2	27.3	20	*
2,6-Dinitrotoluene	A	30.0	36.7	0.2309661	0.2828088	0.2	22.4	20	*
2-Chloronaphthalene	A	30.0	31.0	1.021858	1.055933	0.8	3.3	20	
2-Chlorophenol	A	30.0	32.9	1.317031	1.445548	0.8	9.8	20	
2-Methylnaphthalene	A	30.0	31.3	0.6082	0.6350537	0.4	4.4	20	
2-Methylphenol	A	30.0	32.0	1.109819	1.185564	0.7	6.8	20	
2-Nitroaniline	A	30.0	36.4	0.3413455	0.4147506	0.01	21.5	20	*
2-Nitrophenol	A	30.0	38.2	0.1269698	0.1615539	0.1	27.2	20	*
3- & 4-Methylphenols	A	30.0	32.6	1.672428	1.819924	0.6	8.8	20	
3,3-Dichlorobenzidine	A	30.0	36.1	0.4342148	0.522605	0.01	20.4	20	*
3-Nitroaniline	A	30.0	35.7	0.301429	0.3582842	0.01	18.9	20	
4,6-Dinitro-2-methylphenol	A	30.0	58.4	6.466289E-02	0.1259213	0.01	94.7	20	*
4-Bromophenyl phenyl ether	A	30.0	31.0	0.1787162	0.1848811	0.1	3.4	20	
4-Chloro-3-methylphenol	A	30.0	32.8	0.2463904	0.2692443	0.2	9.3	20	
4-Chloroaniline	A	30.0	31.0	0.3890625	0.4017161	0.01	3.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324826.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1422	Injection Date:	01/13/25
Lab Sample ID:	S5A1422-CCV1	Injection Time:	08:53

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	31.9	0.4681951	0.4972453	0.4	6.2	20	
4-Nitroaniline	A	30.0	36.5	0.3169376	0.3852315	0.01	21.5	20	*
4-Nitrophenol	A	30.0	41.1	0.2065287	0.2829882	0.01	37.0	20	*
Acenaphthene	A	30.0	30.6	1.122579	1.145671	0.9	2.1	20	
Acenaphthylene	A	30.0	31.9	1.692716	1.799178	0.9	6.3	20	
Acetophenone	A	30.0	30.9	1.989401	2.048264	0.01	3.0	20	
Alpha Terpineol	A	30.0	30.0	0.2306757	0.2307621		0.04	20	
Aniline	A	30.0	32.8	1.870734	2.046171		9.4	20	
Anthracene	A	30.0	31.9	1.09762	1.167948	0.7	6.4	20	
Atrazine	A	30.0	31.5	0.1759347	0.1848027	0.01	5.0	20	
Benzaldehyde	A	30.0	29.8	0.9704121	0.9650711	0.01	-0.6	20	
Benzidine	A	30.0	45.4	0.4289636	0.6490382		51.3	20	*
Benzo(a)anthracene	A	30.0	33.1	1.105801	1.219249	0.8	10.3	20	
Benzo(a)pyrene	A	30.0	33.8	1.223535	1.377958	0.7	12.6	20	
Benzo(b)fluoranthene	A	30.0	33.0	1.223895	1.3476	0.7	10.1	20	
Benzo(g,h,i)perylene	A	30.0	33.7	1.005498	1.129491	0.5	12.3	20	
Benzo(k)fluoranthene	A	30.0	34.1	1.306436	1.483686	0.7	13.6	20	
Benzoic acid	A	30.0	46.4	0.1466198	0.2267228		54.6	20	*
Benzyl alcohol	A	30.0	31.6	0.9471812	0.9959862		5.2	20	
Benzyl butyl phthalate	A	30.0	33.7	0.6526302	0.73392		12.5	20	
Bis(2-chloroethoxy)methane	A	30.0	30.7	0.3612269	0.3693991	0.3	2.3	20	
Bis(2-chloroethyl)ether	A	30.0	31.9	1.354626	1.440123	0.7	6.3	20	
Bis(2-chloroisopropyl)ether	A	30.0	30.7	1.702433	1.742882	0.01	2.4	20	
Bis(2-ethylhexyl)phthalate	A	30.0	34.6	0.9543974	1.099621		15.2	20	
Caprolactam	A	30.0	29.4	9.763401E-02	9.575829E-02	0.01	-1.9	20	
Carbazole	A	30.0	32.3	1.092541	1.17638	0.01	7.7	20	
Chrysene	A	30.0	32.9	1.155958	1.269025	0.7	9.8	20	
Dibenzo(a,h)anthracene	A	30.0	33.6	1.083499	1.21378	0.4	12.0	20	
Dibenzofuran	A	30.0	31.6	1.483019	1.563594	0.8	5.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324826.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1422	Injection Date:	01/13/25
Lab Sample ID:	S5A1422-CCV1	Injection Time:	08:53

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	32.7	1.220568	1.330001	0.01	9.0	20	
Dimethyl phthalate	A	30.0	32.3	1.150894	1.239002	0.01	7.7	20	
Di-n-butyl phthalate	A	30.0	33.2	1.299668	1.437246	0.01	10.6	20	
Di-n-octyl phthalate	A	30.0	34.6	1.642869	1.89732	0.01	15.5	20	
Diphenylamine	A	30.0	31.4	0.6599637	0.689965		4.5	20	
Fluoranthene	A	30.0	32.9	1.015022	1.112264	0.6	9.6	20	
Fluorene	A	30.0	32.2	1.256116	1.347982	0.9	7.3	20	
Hexachlorobenzene	A	30.0	31.0	8.859345E-02	9.162382E-02	0.1	3.4	20	
Hexachlorobutadiene	A	30.0	30.1	9.765402E-02	9.808766E-02	0.01	0.4	20	
Hexachlorocyclopentadiene	A	30.0	34.5	0.2081762	0.2391181	0.05	14.9	20	
Hexachloroethane	A	30.0	31.7	0.5633742	0.5944589	0.3	5.5	20	
Indeno(1,2,3-cd)pyrene	A	30.0	33.2	1.012589	1.122266	0.5	10.8	20	
Isophorone	A	30.0	31.1	0.6006721	0.6222879	0.4	3.6	20	
Naphthalene	A	30.0	30.1	0.9440583	0.9477398	0.7	0.4	20	
Nitrobenzene	A	30.0	31.7	0.3010038	0.3183296	0.2	5.8	20	
N-Nitrosodimethylamine	A	30.0	32.4	0.750829	0.8112058		8.0	20	
N-nitroso-di-n-propylamine	A	30.0	30.6	1.16671	1.191724	0.5	2.1	20	
N-Nitrosodiphenylamine	A	30.0	31.5	0.224054	0.2354514	0.01	5.1	20	
Parathion	A	30.0	43.1	0.1133261	0.1628695		43.7	20	*
Pentachloronitrobenzene	A	30.0	33.7	5.945581E-02	6.675627E-02		12.3	20	
Pentachlorophenol	A	30.0	49.9	7.818986E-02	0.1300868	0.05	66.4	20	*
Phenanthrene	A	30.0	31.5	1.090223	1.14512	0.7	5.0	20	
Phenol	A	30.0	32.7	1.630135	1.774728	0.8	8.9	20	
Pyrene	A	30.0	32.5	1.195195	1.295123	0.6	8.4	20	
Pyridine	A	30.0	29.2	0.9433678	0.9170851		-2.8	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1019	Instrument:	BNA #7
		Calibration:	SL40036

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Equipment Blank 1/7/25 (25A0380-18)			Lab File ID: E70357909.D		Analyzed: 01/10/25 14:06			
SURR: 2-Fluorophenol	50.0	20.9	19.7 - 63.1	3.685	3.715875	-0.0309	+/-1.00	
SURR: Phenol-d6	50.0	12.1	10.1 - 41.7	4.464	4.483	-0.0190	+/-1.00	
SURR: Nitrobenzene-d5	25.0	46.0	50.2 - 113	5.174	5.214125	-0.0401	+/-1.00	*
SURR: 2-Fluorobiphenyl	25.0	43.7	39.9 - 105	6.658	6.699625	-0.0416	+/-1.00	
SURR: 2,4,6-Tribromophenol	50.0	38.2	39.3 - 151	8.368	8.418125	-0.0501	+/-1.00	*
SURR: Terphenyl-d14	25.0	54.6	30.7 - 106	11.842	11.89162	-0.0496	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50472	Laboratory ID:	BA50472-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	12.9	51.5	17 - 125
Bis(2-chloroisopropyl)ether	25.0	12.5	49.9	10 - 139
Caprolactam	25.0	2.53	10.1	10 - 137
Carbazole	25.0	17.3	69.4	42 - 126
Dibenzofuran	25.0	13.7	54.7	36 - 113
Diethyl phthalate	25.0	16.5	66.1	38 - 115
Dimethyl phthalate	25.0	15.2	60.8	38 - 129
Di-n-butyl phthalate	25.0	18.4	73.4	31 - 120
Di-n-octyl phthalate	25.0	18.5	74.0	21 - 149
Hexachlorocyclopentadiene	25.0	8.08	32.3	10 - 130
Isophorone	25.0	14.2	56.7	25 - 127
N-nitroso-di-n-propylamine	25.0	18.2	72.9	26 - 122
N-Nitrosodiphenylamine	25.0	16.1	64.4	23 - 149
Phenol	25.0	4.63	18.5	10 - 110
Pyridine	35.0	3.35	9.57 *	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50472	Laboratory ID:	BA50472-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	14.7	58.8	13.2	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	14.3	57.2	13.7	20	10 - 139
Caprolactam	25.0	2.55	10.2	0.787	20	10 - 137
Carbazole	25.0	19.0	75.9	9.03	20	42 - 126
Dibenzofuran	25.0	15.2	60.8	10.7	20	36 - 113
Diethyl phthalate	25.0	18.1	72.3	8.96	20	38 - 115
Dimethyl phthalate	25.0	16.9	67.7	10.8	20	38 - 129
Di-n-butyl phthalate	25.0	20.1	80.4	9.05	20	31 - 120
Di-n-octyl phthalate	25.0	20.0	80.0	7.79	20	21 - 149
Hexachlorocyclopentadiene	25.0	9.59	38.4	17.1	20	10 - 130
Isophorone	25.0	16.0	64.1	12.2	20	25 - 127
N-nitroso-di-n-propylamine	25.0	20.6	82.5	12.3	20	26 - 122
N-Nitrosodiphenylamine	25.0	17.4	69.7	7.94	20	23 - 149
Phenol	25.0	5.06	20.2	8.88	20	10 - 110
Pyridine	35.0	3.04	8.69 *	9.70	20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5210596	9.631241	6.787666	3.882475E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6286456	36.99744	6.544	5.095324E-02			SPCC (0.01)	*
1,2,4-Trichlorobenzene	0.3692158	7.565636	5.737167	4.121605E-02			20	
1,2-Dichlorobenzene	1.328739	9.008201	4.905167	4.609696E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9236288	11.34452	8.2525	8.070248E-02			20	
1,3-Dichlorobenzene	1.392748	9.687186	4.708833	0.0754727			20	
1,4-Dichlorobenzene	1.423776	8.798077	4.752	6.727402E-02			20	
1-Methylnaphthalene	0.6718616	7.382492	6.456	5.228883E-02			20	
2,3,4,6-Tetrachlorophenol	0.1373339	17.24272	7.8225	6.849911E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3556986	14.8238	6.670625	7.535108E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3306429	13.68017	6.634125	6.495217E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.3139737	10.45447	5.665625	7.507319E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.299699	9.615796	5.506375	0.082391			SPCC (0.2)	
2,4-Dinitrophenol	0.0995996	44.99158	7.496	8.617402E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3473344	14.01777	7.675	5.842354E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2647656	14.13349	7.226	4.726879E-02			SPCC (0.2)	
2-Chloronaphthalene	1.030418	9.352756	6.809	5.344491E-02			SPCC (0.8)	
2-Chlorophenol	1.145313	12.7347	4.592875	7.867043E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7618954	6.61043	6.357	4.763496E-02			SPCC (0.4)	
2-Methylphenol	0.9357983	11.74908	4.970125	8.660268E-02			SPCC (0.7)	
2-Nitroaniline	0.3302268	12.30368	6.946667	4.274668E-02			SPCC (0.01)	
2-Nitrophenol	0.1903218	15.32708	5.485	5.809781E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.485562	14.12555	5.083875	0.1217439			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5393098	37.14939	14.00967	4.229816E-02			SPCC (0.01)	*
3-Nitroaniline	0.2879379	11.4662	7.386	5.878819E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.862029E-02	39.44095	8.192625	0.1331681			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2283214	9.724931	8.735666	4.469188E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3567354	10.85536	6.2345	8.468811E-02			SPCC (0.2)	
4-Chloroaniline	0.4836703	10.19953	5.85	0.0396516			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6314339	10.4326	8.042	4.539845E-02			SPCC (0.4)	
4-Nitroaniline	0.285602	11.21112	8.1555	0.1726248			SPCC (0.01)	
4-Nitrophenol	0.2770608	19.22033	7.544	0.1492218			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.007899	9.693437	7.445	4.116506E-02			SPCC (0.9)	
Acenaphthylene	1.587889	11.68843	7.241	4.280831E-02			SPCC (0.9)	
Acetophenone	2.204773	30.54575	5.089833	6.058735E-02			SPCC (0.01)	*
Alpha Terpineol	0.3752998	7.230714	5.772	4.312225E-02			20	
Aniline	1.716022	9.083708	4.511833	4.888691E-02			SPCC ()	
Anthracene	1.015651	13.49075	9.493875	6.403419E-02			SPCC (0.7)	
Atrazine	0.2758211	36.94055	9.065167	7.340258E-02			SPCC (0.01)	*
Benzaldehyde	1.163089	28.65378	4.396	6.789163E-02			SPCC (0.01)	*
Benzidine	0.5627871	38.99798	11.444	4.869725E-02			20	*
Benzo(a)anthracene	1.231527	9.676298	13.933	3.934959E-02			SPCC (0.8)	
Benzo(a)pyrene	1.138423	11.34317	16.82333	5.061575E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.186662	11.02621	16.19517	0.0554783			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9665391	11.09916	19.304	7.239531E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.18061	11.02404	16.24633	6.049351E-02			SPCC (0.7)	
Benzoic acid	0.2685668	31.55703	5.618167	0.5632807			20	*
Benzyl alcohol	0.8464322	9.956443	4.870333	0.0419235			20	
Benzyl butyl phthalate	0.6032026	11.15944	13.004	2.672766E-02			20	
Bis(2-chloroethoxy)methane	0.476096	7.54432	5.585	5.493861E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.199552	11.47052	4.556375	8.047474E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.438674	8.932692	4.99	5.861037E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8168326	11.27144	14.342	3.126614E-02			20	
Caprolactam	0.1332083	26.92498	6.134	0.3002727			SPCC (0.01)	*
Carbazole	0.941736	11.35232	9.703125	6.506867E-02			SPCC (0.01)	
Chrysene	1.189333	9.756131	14.029	4.584147E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9779294	14.23232	18.9295	6.352516E-02			SPCC (0.4)	
Dibenzofuran	1.471969	10.90912	7.624167	5.498305E-02			SPCC (0.8)	
Diethyl phthalate	1.269186	10.12236	7.956	5.801661E-02			SPCC (0.01)	
Dimethyl phthalate	1.212843	9.433849	7.136667	4.031344E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.183674	13.04436	10.263	3.000469E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.375723	13.01365	15.663	0.0290758			SPCC (0.01)	
Diphenylamine	0.5993826	9.795696	8.217833	5.146407E-02			20	
Fluoranthene	1.16683	9.689815	11.152	4.610446E-02			SPCC (0.6)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
2,3,4,6-Tetrachlorophenol	30.0	40.6	35.3 *	30.00
2,4,5-Trichlorophenol	30.0	34.2	14.1	30.00
2,4,6-Trichlorophenol	30.0	34.2	14.1	30.00
2,4-Dichlorophenol	30.0	32.4	7.9	30.00
2,4-Dimethylphenol	30.0	35.2	17.2	30.00
2,4-Dinitrophenol	30.0	37.9	26.3	30.00
2,4-Dinitrotoluene	30.0	35.7	19.0	30.00
2,6-Dinitrotoluene	30.0	35.3	17.8	30.00
2-Chloronaphthalene	30.0	29.8	-0.6	30.00
2-Chlorophenol	30.0	33.6	12.1	30.00
2-Methylnaphthalene	30.0	30.2	0.8	30.00
2-Methylphenol	30.0	35.8	19.3	30.00
2-Nitroaniline	30.0	35.2	17.5	30.00
2-Nitrophenol	30.0	35.3	17.7	30.00
3- & 4-Methylphenols	30.0	29.8	-0.7	30.00
3-Nitroaniline	30.0	35.7	18.9	30.00
4,6-Dinitro-2-methylphenol	30.0	48.3	61.1 *	30.00
4-Bromophenyl phenyl ether	30.0	32.7	8.9	30.00
4-Chloro-3-methylphenol	30.0	34.3	14.3	30.00
4-Chloroaniline	30.0	30.3	1.0	30.00
4-Chlorophenyl phenyl ether	30.0	30.6	2.0	30.00
4-Nitroaniline	30.0	34.8	15.9	30.00
4-Nitrophenol	30.0	32.8	9.4	30.00
Benzyl butyl phthalate	30.0	34.7	15.7	30.00
Bis(2-chloroethoxy)methane	30.0	31.0	3.2	30.00
Bis(2-chloroethyl)ether	30.0	32.5	8.2	30.00
Bis(2-chloroisopropyl)ether	30.0	32.8	9.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Carbazole	30.0	31.2	3.8	30.00
Dibenzofuran	30.0	28.8	-3.8	30.00
Diethyl phthalate	30.0	30.0	0.0	30.00
Dimethyl phthalate	30.0	30.1	0.5	30.00
Di-n-butyl phthalate	30.0	30.5	1.8	30.00
Di-n-octyl phthalate	30.0	32.2	7.2	30.00
Hexachlorocyclopentadiene	30.0	32.7	9.0	30.00
Isophorone	30.0	29.3	-2.3	30.00
N-nitroso-di-n-propylamine	30.0	39.8	32.6 *	30.00
N-Nitrosodiphenylamine	30.0	40.2	34.1 *	30.00
Phenol	30.0	33.7	12.3	30.00
Pyridine	30.0	29.1	-2.9	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70357899.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1019	Injection Date:	01/10/25
Lab Sample ID:	S5A1019-CCV1	Injection Time:	08:54

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	31.9	0.5210596	0.5534755	0.01	6.2	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	25.9	0.6286456	0.5420792	0.01	-13.8	20	
2,3,4,6-Tetrachlorophenol	A	30.0	45.6	0.1373339	0.2086547	0.01	51.9	20	*
2,4,5-Trichlorophenol	A	30.0	35.7	0.3556986	0.4227882	0.2	18.9	20	
2,4,6-Trichlorophenol	A	30.0	30.8	0.3306429	0.3398033	0.2	2.8	20	
2,4-Dichlorophenol	A	30.0	25.1	0.3139737	0.2622753	0.2	-16.5	20	
2,4-Dimethylphenol	A	30.0	26.4	0.299699	0.2640749	0.2	-11.9	20	
2,4-Dinitrophenol	A	30.0	34.6	0.0995996	0.1147144	0.01	15.2	20	
2,4-Dinitrotoluene	A	30.0	33.4	0.3473344	0.387184	0.2	11.5	20	
2,6-Dinitrotoluene	A	30.0	34.6	0.2647656	0.3050919	0.2	15.2	20	
2-Chloronaphthalene	A	30.0	28.5	1.030418	0.9796803	0.8	-4.9	20	
2-Chlorophenol	A	30.0	30.7	1.145313	1.172918	0.8	2.4	20	
2-Methylnaphthalene	A	30.0	24.1	0.7618954	0.6126437	0.4	-19.6	20	
2-Methylphenol	A	30.0	33.9	0.9357983	1.056525	0.7	12.9	20	
2-Nitroaniline	A	30.0	32.8	0.3302268	0.3604853	0.01	9.2	20	
2-Nitrophenol	A	30.0	28.3	0.1903218	0.1792795	0.1	-5.8	20	
3- & 4-Methylphenols	A	30.0	31.8	1.485562	1.575464	0.6	6.1	20	
3,3-Dichlorobenzidine	A	30.0	30.4	0.5393098	0.546034	0.01	1.2	20	
3-Nitroaniline	A	30.0	36.8	0.2879379	0.3528449	0.01	22.5	20	*
4,6-Dinitro-2-methylphenol	A	30.0	38.6	9.862029E-02	0.1268174	0.01	28.6	20	*
4-Bromophenyl phenyl ether	A	30.0	29.3	0.2283214	0.2229522	0.1	-2.4	20	
4-Chloro-3-methylphenol	A	30.0	27.9	0.3567354	0.331769	0.2	-7.0	20	
4-Chloroaniline	A	30.0	25.4	0.4836703	0.4088122	0.01	-15.5	20	
4-Chlorophenyl phenyl ether	A	30.0	30.1	0.6314339	0.633386	0.4	0.3	20	
4-Nitroaniline	A	30.0	32.9	0.285602	0.3131517	0.01	9.6	20	
4-Nitrophenol	A	30.0	47.5	0.2770608	0.4387995	0.01	58.4	20	*
Acetophenone	A	30.0	24.5	2.204773	1.801793	0.01	-18.3	20	
Benzaldehyde	A	30.0	24.2	1.163089	0.9390561	0.01	-19.3	20	
Benzyl butyl phthalate	A	30.0	36.4	0.6032026	0.7313462		21.2	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70357899.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1019	Injection Date:	01/10/25
Lab Sample ID:	S5A1019-CCV1	Injection Time:	08:54

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bis(2-chloroethoxy)methane	A	30.0	24.4	0.476096	0.3867633	0.3	-18.8	20	
Bis(2-chloroethyl)ether	A	30.0	30.1	1.199552	1.203066	0.7	0.3	20	
Bis(2-chloroisopropyl)ether	A	30.0	29.4	1.438674	1.408941	0.01	-2.1	20	
Caprolactam	A	30.0	21.9	0.1332083	9.722083E-02	0.01	-27.0	20	*
Carbazole	A	30.0	33.5	0.941736	1.052025	0.01	11.7	20	
Dibenzofuran	A	30.0	28.2	1.471969	1.382477	0.8	-6.1	20	
Diethyl phthalate	A	30.0	31.8	1.269186	1.345972	0.01	6.1	20	
Dimethyl phthalate	A	30.0	29.8	1.212843	1.205173	0.01	-0.6	20	
Di-n-butyl phthalate	A	30.0	32.9	1.183674	1.298741	0.01	9.7	20	
Di-n-octyl phthalate	A	30.0	35.4	1.375723	1.623979	0.01	18.0	20	
Hexachlorocyclopentadiene	A	30.0	27.9	0.3442266	0.320523	0.05	-6.9	20	
Isophorone	A	30.0	25.8	0.8831455	0.7594221	0.4	-14.0	20	
N-nitroso-di-n-propylamine	A	30.0	41.4	0.9045988	1.248702	0.5	38.0	20	*
N-Nitrosodiphenylamine	A	30.0	33.2	0.2024224	0.2243378	0.01	10.8	20	
Phenol	A	30.0	32.0	1.636453	1.74282	0.8	6.5	20	
Pyridine	A	30.0	32.0	1.322703	1.411441		6.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50472	Laboratory ID:	BA50472-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.570	57.0	25 - 116
Acenaphthylene	1.00	0.620	62.0	26 - 116
Anthracene	1.00	0.580	58.0	25 - 123
Benzo(a)anthracene	1.00	0.600	60.0	33 - 125
Benzo(a)pyrene	1.00	0.610	61.0	32 - 132
Benzo(b)fluoranthene	1.00	0.620	62.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.570	57.0	10 - 138
Benzo(k)fluoranthene	1.00	0.830	83.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	0.770	77.0	10 - 189
Chrysene	1.00	0.580	58.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.470	47.0	16 - 133
Fluoranthene	1.00	0.710	71.0	32 - 121
Fluorene	1.00	0.600	60.0	28 - 118
Hexachlorobenzene	1.00	0.620	62.0	23 - 124
Hexachlorobutadiene	1.00	0.500	50.0	15 - 123
Hexachloroethane	1.00	ND	*	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.480	48.0	15 - 135
Naphthalene	1.00	0.550	55.0	18 - 120
Nitrobenzene	1.00	0.290	29.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	ND	*	10 - 156
Phenanthrene	1.00	0.560	56.0	24 - 127
Pyrene	1.00	0.550	55.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SK40012
Instrument: BNA #5
Calibration Date: 11/05/24 13:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	0.9887342	11.14399	12.13	8.457341E-03			20	
Acenaphthylene	1.420108	12.55821	11.87	8.64259E-03			20	
Anthracene	0.9563122	14.41276	14.26125	2.919802E-02			20	
Atrazine	0.2203248	11.00646	13.8	1.315044E-02			20	
Benzo(a)anthracene	1.17899	20.45919	17.95	2.125861E-02			20	*
Benzo(a)pyrene	0.9134129	18.49378	19.8325	1.568902E-02			20	
Benzo(b)fluoranthene	1.045785	19.83221	19.4125	0.0310444			20	
Benzo(g,h,i)perylene	0.9350796	17.76854	21.83125	2.668692E-02			20	
Benzo(k)fluoranthene	1.036137	21.0152	19.44125	2.608375E-02			20	*
Bis(2-ethylhexyl)phthalate	0.6528774	12.55777	18	0			20	
Chrysene	1.223503	13.3512	18.01125	2.031485E-02			20	
Dibenzo(a,h)anthracene	1.143599	25.21709	21.40875	3.052435E-02			20	*
Fluoranthene	1.171339	16.96577	15.9125	2.921035E-02			20	
Fluorene	1.250367	11.57366	12.84	1.519908E-02			20	
Hexachlorobenzene	0.1970916	19.42677	13.74	1.561568E-02			20	
Hexachlorobutadiene	0.2736976	7.998997	9.92	1.128517E-02			20	
Hexachloroethane	0.3389355	10.33828	8.681429	4.582514E-02			20	
Indeno(1,2,3-cd)pyrene	1.345565	24.63384	21.40625	3.607127E-02			20	*
Naphthalene	0.9891459	10.66957	9.7	2.152554E-03			20	
Nitrobenzene	0.8344922	11.92205	8.807143	5.176218E-02			20	
N-Nitrosodimethylamine	0.3672895	15.00729	4.99	1.963032E-02			20	
Pentachlorophenol	7.325545E-02	11.28404	13.99	7.001807E-03			20	
Phenanthrene	1.027868	14.55285	14.2	1.650528E-02			20	
Pyrene	1.184109	15.18974	16.24	2.393477E-02			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SK40012
Laboratory ID: S4K0820-SCV1
Sequence: S4K0820
Standard ID: S24G281

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Acenaphthene	1.00	1.13	13.0	30.00
Acenaphthylene	1.00	1.16	16.0	30.00
Anthracene	1.00	1.23	23.0	30.00
Benzo(a)anthracene	1.00	1.06	6.0	30.00
Benzo(a)pyrene	1.00	1.12	12.0	30.00
Benzo(b)fluoranthene	1.00	1.01	1.0	30.00
Benzo(g,h,i)perylene	1.00	1.15	15.0	30.00
Benzo(k)fluoranthene	1.00	1.01	1.0	30.00
Bis(2-ethylhexyl)phthalate	1.00	1.29	29.0	30.00
Chrysene	1.00	1.02	2.0	30.00
Dibenzo(a,h)anthracene	1.00	1.02	2.0	30.00
Fluoranthene	1.00	1.13	13.0	30.00
Fluorene	1.00	1.14	14.0	30.00
Hexachlorobenzene	1.00	1.17	17.0	30.00
Hexachlorobutadiene	1.00	1.04	4.0	30.00
Hexachloroethane	1.00	0.850	-15.0	30.00
Indeno(1,2,3-cd)pyrene	1.00	1.05	5.0	30.00
Naphthalene	1.00	1.10	10.0	30.00
Nitrobenzene	1.00	0.460	-54.0 *	30.00
N-Nitrosodimethylamine	1.00	0.820	-18.0	30.00
Pentachlorophenol	1.00	1.16	16.0	30.00
Phenanthrene	1.00	1.02	2.0	30.00
Pyrene	1.00	1.00	0.0	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #5	Calibration:	SK40012
Lab File ID:	SV501406.D	Calibration Date:	11/05/24 13:00
Sequence:	S5A1021	Injection Date:	01/10/25
Lab Sample ID:	S5A1021-CCV1	Injection Time:	09:11

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	1.02	0.9887342	1.00795		1.9	30	
Acenaphthylene	A	1.00	0.980	1.420108	1.388288		-2.2	30	
Anthracene	A	1.00	1.16	0.9563122	1.111081		16.2	30	
Atrazine	A	2.50	2.45	0.2203248	0.2159115		-2.0	30	
Benzo(a)anthracene	A	1.00	0.970	1.17899	1.138928		-3.4	30	
Benzo(a)pyrene	A	1.00	1.17	0.9134129	1.065242		16.6	30	
Benzo(b)fluoranthene	A	1.00	1.02	1.045785	1.071106		2.4	30	
Benzo(g,h,i)perylene	A	1.00	0.910	0.9350796	0.8529018		-8.8	30	
Benzo(k)fluoranthene	A	1.00	1.16	1.036137	1.199883		15.8	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.66	0.6528774	0.6934392		6.2	30	
Chrysene	A	1.00	0.840	1.223503	1.027001		-16.1	30	
Dibenzo(a,h)anthracene	A	1.00	0.720	1.143599	0.8249488		-27.9	30	
Fluoranthene	A	1.00	1.20	1.171339	1.407956		20.2	30	
Fluorene	A	1.00	1.00	1.250367	1.250656		0.02	30	
Hexachlorobenzene	A	0.100	0.0900	0.1970916	0.1756526		-10.9	30	
Hexachlorobutadiene	A	2.50	2.25	0.2736976	0.2461774		-10.1	30	
Hexachloroethane	A	2.50	1.98	0.3389355	0.2688423		-20.7	30	
Indeno(1,2,3-cd)pyrene	A	1.00	0.790	1.345565	1.068988		-20.6	30	
Naphthalene	A	1.00	1.09	0.9891459	1.077137		8.9	30	
Nitrobenzene	A	2.50	0.910	0.8344922	0.604362		-27.6	30	
N-Nitrosodimethylamine	A	2.50	1.83	0.3672895	0.2686022		-26.9	30	
Pentachlorophenol	A	1.50	0.650	7.325545E-02	3.195911E-02		-56.4	30	*
Phenanthrene	A	1.00	0.920	1.027868	0.9504795		-7.5	30	
Pyrene	A	1.00	0.900	1.184109	1.069988		-9.6	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1415
Instrument: MSBNA8
Calibration: SA50021

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1415-CCV1)			Lab File ID: E800081381.D		Analyzed: 01/13/25 11:36			
1,4-Dioxane-d8	0.500	108	80 - 120	5.19	5.19825	-0.0082	+/-1.00	
Blank (BA50568-BLK1)			Lab File ID: E800081382.D		Analyzed: 01/13/25 11:54			
1,4-Dioxane-d8	495	118	39 - 127.5	5.187	5.19825	-0.0112	+/-1.00	
LCS (BA50568-BS1)			Lab File ID: E800081383.D		Analyzed: 01/13/25 12:11			
1,4-Dioxane-d8	495	110	39 - 127.5	5.205	5.19825	0.0068	+/-1.00	
Matrix Spike (BA50568-MS1)			Lab File ID: E800081384.D		Analyzed: 01/13/25 12:29			
1,4-Dioxane-d8	495	76.0	40 - 130	5.184	5.19825	-0.0142	+/-1.00	
Matrix Spike Dup (BA50568-MSD1)			Lab File ID: E800081385.D		Analyzed: 01/13/25 12:46			
1,4-Dioxane-d8	495	82.0	40 - 130	5.228	5.19825	0.0297	+/-1.00	
Calibration Check (S5A1415-CCV2)			Lab File ID: E800081392.D		Analyzed: 01/13/25 14:49			
1,4-Dioxane-d8	0.500	114	80 - 120	5.239	5.19825	0.0408	+/-1.00	
SB001 (O-2 IN) (25A0380-01)			Lab File ID: E800081393.D		Analyzed: 01/13/25 15:06			
1,4-Dioxane-d8	476	126	39 - 127.5	5.234	5.19825	0.0358	+/-1.00	
SB001(2 IN-24IN) (25A0380-02)			Lab File ID: E800081394.D		Analyzed: 01/13/25 15:24			
1,4-Dioxane-d8	476	140	39 - 127.5	5.236	5.19825	0.0378	+/-1.00	*
SB001 (6-8 FT) (25A0380-03)			Lab File ID: E800081395.D		Analyzed: 01/13/25 15:41			
1,4-Dioxane-d8	476	112	39 - 127.5	5.231	5.19825	0.0328	+/-1.00	
SB002 (0-2IN) (25A0380-04)			Lab File ID: E800081396.D		Analyzed: 01/13/25 16:00			
1,4-Dioxane-d8	476	84.0	39 - 127.5	5.277	5.19825	0.0788	+/-1.00	
Calibration Check (S5A1415-CCV3)			Lab File ID: E800081403.D		Analyzed: 01/13/25 18:08			
1,4-Dioxane-d8	0.500	112	80 - 120	5.271	5.19825	0.0728	+/-1.00	
Calibration Check (S5A1415-CCV4)			Lab File ID: E800081410.D		Analyzed: 01/13/25 20:09			
1,4-Dioxane-d8	0.500	114	80 - 120	5.283	5.19825	0.0848	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1335
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50519-BLK1)			Lab File ID: QQQ48879.d		Analyzed: 01/13/25 10:52			
M3PFBS	2.32	114	25 - 150	5.38095	5.341737	0.0392	+/-1.00	
M5PFHxA	2.49	107	25 - 150	6.279333	6.176775	0.1026	+/-1.00	
M4PFHpA	2.49	96.5	25 - 150	7.1515	6.964667	0.1868	+/-1.00	
M3PFHxS	2.36	98.6	25 - 150	7.261066	7.059694	0.2014	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	99.3	25 - 150	7.84775	7.608802	0.2389	+/-1.00	
M6PFDA	1.25	83.9	25 - 150	8.969717	8.72274	0.2470	+/-1.00	
M7PFUdA	1.25	70.8	25 - 150	9.394733	9.194471	0.2003	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	58.6	25 - 150	9.763367	9.613558	0.1498	+/-1.00	
M2PFTeDA	1.25	45.5	10 - 150	10.35002	10.30281	0.0472	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.96	2.84	25 - 150	1.149733	1.212835	-0.0631	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	80.2	25 - 150	8.4952	8.230688	0.2645	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.98	29.3	25 - 150	4.4407	4.464844	-0.0241	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	70.8	10 - 150	9.4998	9.329721	0.1701	+/-1.00	
d3-N-MeFOSAA	4.98	67.1	25 - 150	9.161834	8.937294	0.2245	+/-1.00	
d5-N-EtFOSAA	4.98	79.5	25 - 150	9.384283	9.17374	0.2105	+/-1.00	
M2-6:2 FTS	4.74	89.4	25 - 200	7.7913	7.551135	0.2402	+/-1.00	
M2-8:2 FTS	4.78	76.5	25 - 200	8.93065	8.687194	0.2435	+/-1.00	
M9PFNA	1.25	94.6	25 - 150	8.460016	8.190992	0.2690	+/-1.00	
M2-4:2 FTS	4.67	109	25 - 150	6.203467	6.10806	0.0954	+/-1.00	
d-N-MeFOSA	2.49	26.4	25 - 150	10.24718	10.21148	0.0357	+/-1.00	
d-N-EtFOSA	2.49	32.8	25 - 150	10.49382	10.49709	-0.0033	+/-1.00	
M3HFPO-DA	9.96	102	25 - 150	6.5872	6.456387	0.1308	+/-1.00	
d9-N-EtFOSE	24.9	45.3	25 - 150	10.4544	10.459	-0.0046	+/-1.00	
d7-N-MeFOSE	24.9	44.7	25 - 150	10.2252	10.18604	0.0392	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1335
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50519-BS1)			Lab File ID: QQQ48880.d		Analyzed: 01/13/25 11:09			
M3PFBS	2.32	104	25 - 150	5.371733	5.341737	0.0300	+/-1.00	
M5PFHxA	2.49	113	25 - 150	6.269834	6.176775	0.0931	+/-1.00	
M4PFHpA	2.49	107	25 - 150	7.14225	6.964667	0.1776	+/-1.00	
M3PFHxS	2.36	90.3	25 - 150	7.251817	7.059694	0.1921	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	96.7	25 - 150	7.84775	7.608802	0.2389	+/-1.00	
M6PFDA	1.24	77.1	25 - 150	8.969717	8.72274	0.2470	+/-1.00	
M7PFUdA	1.24	72.7	25 - 150	9.394716	9.194471	0.2002	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	66.5	25 - 150	9.763367	9.613558	0.1498	+/-1.00	
M2PFTeDA	1.24	51.7	10 - 150	10.35002	10.30281	0.0472	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.94	5.68	25 - 150	1.131367	1.212835	-0.0815	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.38	73.2	25 - 150	8.4952	8.230688	0.2645	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.97	50.2	25 - 150	4.4123	4.464844	-0.0525	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	71.2	10 - 150	9.499784	9.329721	0.1701	+/-1.00	
d3-N-MeFOSAA	4.97	69.3	25 - 150	9.161834	8.937294	0.2245	+/-1.00	
d5-N-EtFOSAA	4.97	83.2	25 - 150	9.384283	9.17374	0.2105	+/-1.00	
M2-6:2 FTS	4.73	92.0	25 - 200	7.7913	7.551135	0.2402	+/-1.00	
M2-8:2 FTS	4.77	92.4	25 - 200	8.93065	8.687194	0.2435	+/-1.00	
M9PFNA	1.24	86.7	25 - 150	8.45075	8.190992	0.2598	+/-1.00	
M2-4:2 FTS	4.66	101	25 - 150	6.194217	6.10806	0.0862	+/-1.00	
d-N-MeFOSA	2.49	30.7	25 - 150	10.24717	10.21148	0.0357	+/-1.00	
d-N-EtFOSA	2.49	40.3	25 - 150	10.50302	10.49709	0.0059	+/-1.00	
M3HFPO-DA	9.94	110	25 - 150	6.577933	6.456387	0.1215	+/-1.00	
d9-N-EtFOSE	24.9	49.5	25 - 150	10.4636	10.459	0.0046	+/-1.00	
d7-N-MeFOSE	24.9	51.9	25 - 150	10.22518	10.18604	0.0391	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1335
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50519-BS2)			Lab File ID: QQQ48881.d		Analyzed: 01/13/25 11:25			
M3PFBS	2.32	100	25 - 150	5.3625	5.341737	0.0208	+/-1.00	
M5PFHxA	2.49	97.3	25 - 150	6.269817	6.176775	0.0930	+/-1.00	
M4PFHpA	2.49	80.4	25 - 150	7.14225	6.964667	0.1776	+/-1.00	
M3PFHxS	2.36	77.8	25 - 150	7.2518	7.059694	0.1921	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	77.0	25 - 150	7.84775	7.608802	0.2389	+/-1.00	
M6PFDA	1.24	78.4	25 - 150	8.969733	8.72274	0.2470	+/-1.00	
M7PFUdA	1.24	75.2	25 - 150	9.394733	9.194471	0.2003	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	79.3	25 - 150	9.763367	9.613558	0.1498	+/-1.00	
M2PFTeDA	1.24	75.9	10 - 150	10.3408	10.30281	0.0380	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.94	4.17	25 - 150	1.131367	1.212835	-0.0815	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.38	60.5	25 - 150	8.495216	8.230688	0.2645	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.97	36.9	25 - 150	4.4031	4.464844	-0.0617	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	60.8	10 - 150	9.499784	9.329721	0.1701	+/-1.00	
d3-N-MeFOSAA	4.97	62.3	25 - 150	9.16185	8.937294	0.2246	+/-1.00	
d5-N-EtFOSAA	4.97	76.5	25 - 150	9.375033	9.17374	0.2013	+/-1.00	
M2-6:2 FTS	4.73	71.4	25 - 200	7.782017	7.551135	0.2309	+/-1.00	
M2-8:2 FTS	4.77	64.0	25 - 200	8.930667	8.687194	0.2435	+/-1.00	
M9PFNA	1.24	69.4	25 - 150	8.460033	8.190992	0.2690	+/-1.00	
M2-4:2 FTS	4.66	90.7	25 - 150	6.194217	6.10806	0.0862	+/-1.00	
d-N-MeFOSA	2.49	34.8	25 - 150	10.24717	10.21148	0.0357	+/-1.00	
d-N-EtFOSA	2.49	36.3	25 - 150	10.50302	10.49709	0.0059	+/-1.00	
M3HFPO-DA	9.94	94.7	25 - 150	6.577933	6.456387	0.1215	+/-1.00	
d9-N-EtFOSE	24.9	51.9	25 - 150	10.4636	10.459	0.0046	+/-1.00	
d7-N-MeFOSE	24.9	50.2	25 - 150	10.22518	10.18604	0.0391	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1335
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50631-BLK1)			Lab File ID: QQQ48895.d		Analyzed: 01/13/25 16:09			
M3PFBS	2.32	115	25 - 150	5.38095	5.341737	0.0392	+/-1.00	
M5PFHxA	2.49	108	25 - 150	6.279333	6.176775	0.1026	+/-1.00	
M4PFHpA	2.49	99.2	25 - 150	7.160733	6.964667	0.1961	+/-1.00	
M3PFHxS	2.36	96.6	25 - 150	7.27955	7.059694	0.2199	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	98.2	25 - 150	7.875583	7.608802	0.2668	+/-1.00	
M6PFDA	1.24	73.6	25 - 150	8.9975	8.72274	0.2748	+/-1.00	
M7PFUdA	1.24	55.0	25 - 150	9.431733	9.194471	0.2373	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	55.1	25 - 150	9.791883	9.613558	0.1783	+/-1.00	
M2PFTeDA	1.24	53.1	10 - 150	10.37765	10.30281	0.0748	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.94	23.6	25 - 150	1.131367	1.212835	-0.0815	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.38	95.8	25 - 150	8.523334	8.230688	0.2926	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.97	111	25 - 150	4.4031	4.464844	-0.0617	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	62.2	10 - 150	9.555317	9.329721	0.2256	+/-1.00	
d3-N-MeFOSAA	4.97	93.0	25 - 150	9.1989	8.937294	0.2616	+/-1.00	
d5-N-EtFOSAA	4.97	85.6	25 - 150	9.412033	9.17374	0.2383	+/-1.00	
M2-6:2 FTS	4.73	92.9	25 - 200	7.80985	7.551135	0.2587	+/-1.00	
M2-8:2 FTS	4.77	155	25 - 200	8.959567	8.687194	0.2724	+/-1.00	
M9PFNA	1.24	92.4	25 - 150	8.487817	8.190992	0.2968	+/-1.00	
M2-4:2 FTS	4.66	90.0	25 - 150	6.213367	6.10806	0.1053	+/-1.00	
d-N-MeFOSA	2.49	46.1	25 - 150	10.28402	10.21148	0.0725	+/-1.00	
d-N-EtFOSA	2.49	35.6	25 - 150	10.53922	10.49709	0.0421	+/-1.00	
M3HFPO-DA	9.94	109	25 - 150	6.5872	6.456387	0.1308	+/-1.00	
d9-N-EtFOSE	24.9	28.8	25 - 150	10.50045	10.459	0.0415	+/-1.00	
d7-N-MeFOSE	24.9	48.1	25 - 150	10.25282	10.18604	0.0668	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1335	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50631-BS1)			Lab File ID: QQQ48896.d		Analyzed: 01/13/25 16:25			
M3PFBS	2.32	129	25 - 150	5.371733	5.341737	0.0300	+/-1.00	
M5PFHxA	2.49	130	25 - 150	6.279333	6.176775	0.1026	+/-1.00	
M4PFHpA	2.49	121	25 - 150	7.160733	6.964667	0.1961	+/-1.00	
M3PFHxS	2.36	131	25 - 150	7.2703	7.059694	0.2106	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	115	25 - 150	7.8663	7.608802	0.2575	+/-1.00	
M6PFDA	1.25	112	25 - 150	8.988234	8.72274	0.2655	+/-1.00	
M7PFUdA	1.25	99.9	25 - 150	9.413217	9.194471	0.2187	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	85.3	25 - 150	9.791866	9.613558	0.1783	+/-1.00	
M2PFTeDA	1.25	88.3	10 - 150	10.3684	10.30281	0.0656	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.96	104	25 - 150	1.113017	1.212835	-0.0998	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	112	25 - 150	8.514067	8.230688	0.2834	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.98	122	25 - 150	4.375533	4.464844	-0.0893	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	120	10 - 150	9.536817	9.329721	0.2071	+/-1.00	
d3-N-MeFOSAA	4.98	139	25 - 150	9.189616	8.937294	0.2523	+/-1.00	
d5-N-EtFOSAA	4.98	153	25 - 150	9.402766	9.17374	0.2290	+/-1.00	*
M2-6:2 FTS	4.74	113	25 - 200	7.80985	7.551135	0.2587	+/-1.00	
M2-8:2 FTS	4.78	218	25 - 200	8.959567	8.687194	0.2724	+/-1.00	*
M9PFNA	1.25	125	25 - 150	8.478534	8.190992	0.2875	+/-1.00	
M2-4:2 FTS	4.67	107	25 - 150	6.213367	6.10806	0.1053	+/-1.00	
d-N-MeFOSA	2.49	52.2	25 - 150	10.27477	10.21148	0.0633	+/-1.00	
d-N-EtFOSA	2.49	59.8	25 - 150	10.52998	10.49709	0.0329	+/-1.00	
M3HFPO-DA	9.96	114	25 - 150	6.596533	6.456387	0.1401	+/-1.00	
d9-N-EtFOSE	24.9	78.1	25 - 150	10.49122	10.459	0.0322	+/-1.00	
d7-N-MeFOSE	24.9	61.3	25 - 150	10.2528	10.18604	0.0668	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1335	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50631-BS2)			Lab File ID: QQQ48897.d		Analyzed: 01/13/25 16:41			
M3PFBS	2.33	124	25 - 150	5.371733	5.341737	0.0300	+/-1.00	
M5PFHxA	2.50	110	25 - 150	6.279333	6.176775	0.1026	+/-1.00	
M4PFHpA	2.50	111	25 - 150	7.16075	6.964667	0.1961	+/-1.00	
M3PFHxS	2.37	118	25 - 150	7.279567	7.059694	0.2199	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	98.4	25 - 150	7.866317	7.608802	0.2575	+/-1.00	
M6PFDA	1.25	108	25 - 150	8.997517	8.72274	0.2748	+/-1.00	
M7PFUdA	1.25	77.4	25 - 150	9.4225	9.194471	0.2280	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	65.5	25 - 150	9.7919	9.613558	0.1783	+/-1.00	
M2PFTeDA	1.25	65.4	10 - 150	10.36845	10.30281	0.0656	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	95.6	25 - 150	1.113017	1.212835	-0.0998	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	95.6	25 - 150	8.52335	8.230688	0.2927	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	109	25 - 150	4.375533	4.464844	-0.0893	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	97.2	10 - 150	9.5461	9.329721	0.2164	+/-1.00	
d3-N-MeFOSAA	5.00	95.9	25 - 150	9.198916	8.937294	0.2616	+/-1.00	
d5-N-EtFOSAA	5.00	112	25 - 150	9.41205	9.17374	0.2383	+/-1.00	
M2-6:2 FTS	4.76	90.3	25 - 200	7.809866	7.551135	0.2587	+/-1.00	
M2-8:2 FTS	4.80	152	25 - 200	8.959583	8.687194	0.2724	+/-1.00	
M9PFNA	1.25	87.9	25 - 150	8.47855	8.190992	0.2876	+/-1.00	
M2-4:2 FTS	4.69	101	25 - 150	6.213367	6.10806	0.1053	+/-1.00	
d-N-MeFOSA	2.50	52.3	25 - 150	10.28402	10.21148	0.0725	+/-1.00	
d-N-EtFOSA	2.50	55.8	25 - 150	10.53923	10.49709	0.0421	+/-1.00	
M3HFPO-DA	10.0	103	25 - 150	6.59655	6.456387	0.1402	+/-1.00	
d9-N-EtFOSE	25.0	74.0	25 - 150	10.50045	10.459	0.0415	+/-1.00	
d7-N-MeFOSE	25.0	80.1	25 - 150	10.25283	10.18604	0.0668	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1335	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50650-BLK1)			Lab File ID: QQQ48908.d		Analyzed: 01/13/25 19:39			
M3PFBS	23.3	104	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	25.0	103	25 - 150	6.334883	6.176775	0.1581	+/-1.00	
M4PFHpA	25.0	116	25 - 150	7.2255	6.964667	0.2608	+/-1.00	
M3PFHxS	23.7	105	25 - 150	7.34515	7.059694	0.2855	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	92.8	25 - 150	7.95	7.608802	0.3412	+/-1.00	
M6PFDA	12.5	114	25 - 150	9.090466	8.72274	0.3677	+/-1.00	
M7PFUdA	12.5	95.1	25 - 150	9.515017	9.194471	0.3205	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	72.7	25 - 150	9.87495	9.613558	0.2614	+/-1.00	
M2PFTeDA	12.5	51.0	10 - 150	10.45132	10.30281	0.1485	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	2.41	25 - 150	1.09465	1.212835	-0.1182	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.9	98.5	25 - 150	8.616	8.230688	0.3853	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	56.5	25 - 150	4.366333	4.464844	-0.0985	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	110	10 - 150	9.638567	9.329721	0.3088	+/-1.00	
d3-N-MeFOSAA	50.0	97.3	25 - 150	9.282316	8.937294	0.3450	+/-1.00	
d5-N-EtFOSAA	50.0	110	25 - 150	9.495317	9.17374	0.3216	+/-1.00	
M2-6:2 FTS	47.5	66.2	25 - 200	7.893367	7.551135	0.3422	+/-1.00	
M2-8:2 FTS	48.0	71.3	25 - 200	9.0522	8.687194	0.3650	+/-1.00	
M9PFNA	12.5	114	25 - 150	8.571417	8.190992	0.3804	+/-1.00	
M2-4:2 FTS	46.9	71.5	25 - 150	6.259634	6.10806	0.1516	+/-1.00	
d-N-MeFOSA	25.0	69.9	25 - 150	10.3669	10.21148	0.1554	+/-1.00	
d-N-EtFOSA	25.0	64.0	25 - 150	10.6773	10.49709	0.1802	+/-1.00	
M3HFPO-DA	100	90.9	25 - 150	6.642817	6.456387	0.1864	+/-1.00	
d9-N-EtFOSE	250	69.2	25 - 150	10.61898	10.459	0.1600	+/-1.00	
d7-N-MeFOSE	250	72.8	25 - 150	10.34492	10.18604	0.1589	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1335	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50650-BS1)			Lab File ID: QQQ48909.d		Analyzed: 01/13/25 20:37			
M3PFBS	23.3	107	25 - 150	5.659717	5.341737	0.3180	+/-1.00	
M5PFHxA	25.0	88.8	25 - 150	6.502017	6.176775	0.3252	+/-1.00	
M4PFHpA	25.0	107	25 - 150	7.337067	6.964667	0.3724	+/-1.00	
M3PFHxS	23.7	109	25 - 150	7.447367	7.059694	0.3877	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	98.8	25 - 150	8.024417	7.608802	0.4156	+/-1.00	
M6PFDA	12.5	123	25 - 150	9.09995	8.72274	0.3772	+/-1.00	
M7PFUdA	12.5	104	25 - 150	9.515017	9.194471	0.3205	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	82.3	25 - 150	9.884183	9.613558	0.2706	+/-1.00	
M2PFTeDA	12.5	55.6	10 - 150	10.46975	10.30281	0.1669	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	2.82	25 - 150	1.259883	1.212835	0.0470	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	113	25 - 150	8.643817	8.230688	0.4131	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	49.1	25 - 150	4.755567	4.464844	0.2907	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	110	10 - 150	9.67555	9.329721	0.3458	+/-1.00	
d3-N-MeFOSAA	50.0	96.1	25 - 150	9.2916	8.937294	0.3543	+/-1.00	
d5-N-EtFOSAA	50.0	101	25 - 150	9.504583	9.17374	0.3308	+/-1.00	
M2-6:2 FTS	47.6	102	25 - 200	7.958583	7.551135	0.4074	+/-1.00	
M2-8:2 FTS	48.0	109	25 - 200	9.061867	8.687194	0.3747	+/-1.00	
M9PFNA	12.5	106	25 - 150	8.608517	8.190992	0.4175	+/-1.00	
M2-4:2 FTS	46.9	93.0	25 - 150	6.426617	6.10806	0.3186	+/-1.00	
d-N-MeFOSA	25.0	66.6	25 - 150	10.35768	10.21148	0.1462	+/-1.00	
d-N-EtFOSA	25.0	54.8	25 - 150	10.64968	10.49709	0.1526	+/-1.00	
M3HFPO-DA	100	85.5	25 - 150	6.800183	6.456387	0.3438	+/-1.00	
d9-N-EtFOSE	250	91.1	25 - 150	10.58217	10.459	0.1232	+/-1.00	
d7-N-MeFOSE	250	81.8	25 - 150	10.3265	10.18604	0.1405	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50651-BLK1)			Lab File ID: QQQ48920.d		Analyzed: 01/14/25 13:48			
M3PFBS	2.30	108	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.47	93.9	25 - 150	6.186033	6.176775	0.0093	+/-1.00	
M4PFHpA	2.47	96.3	25 - 150	7.021883	6.964667	0.0572	+/-1.00	
M3PFHxS	2.34	113	25 - 150	7.13135	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.47	114	25 - 150	7.717467	7.608802	0.1087	+/-1.00	
M6PFDA	1.24	99.7	25 - 150	8.837667	8.72274	0.1149	+/-1.00	
M7PFUdA	1.24	84.8	25 - 150	9.273233	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	88.6	25 - 150	9.64245	9.613558	0.0289	+/-1.00	
M2PFTeDA	1.24	59.2	10 - 150	10.23948	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.88	2.36	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.37	100	25 - 150	8.356216	8.230688	0.1255	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.94	59.0	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.47	91.7	10 - 150	9.38875	9.329721	0.0590	+/-1.00	
d3-N-MeFOSAA	4.94	82.1	25 - 150	9.04095	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	4.94	86.6	25 - 150	9.262983	9.17374	0.0892	+/-1.00	
M2-6:2 FTS	4.70	91.6	25 - 200	7.661	7.551135	0.1099	+/-1.00	
M2-8:2 FTS	4.74	80.8	25 - 200	8.799817	8.687194	0.1126	+/-1.00	
M9PFNA	1.24	124	25 - 150	8.321033	8.190992	0.1300	+/-1.00	
M2-4:2 FTS	4.63	87.5	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	2.47	83.3	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	2.47	82.6	25 - 150	10.35565	10.49709	-0.1414	+/-1.00	
M3HFPO-DA	9.88	97.8	25 - 150	6.476067	6.456387	0.0197	+/-1.00	
d9-N-EtFOSE	24.7	60.8	25 - 150	10.32545	10.459	-0.1336	+/-1.00	
d7-N-MeFOSE	24.7	59.3	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50651-BS1)			Lab File ID: QQQ48921.d		Analyzed: 01/14/25 14:04			
M3PFBS	2.31	96.7	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.48	103	25 - 150	6.186017	6.176775	0.0092	+/-1.00	
M4PFHpA	2.48	102	25 - 150	7.021883	6.964667	0.0572	+/-1.00	
M3PFHxS	2.35	100	25 - 150	7.13135	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.48	100	25 - 150	7.717467	7.608802	0.1087	+/-1.00	
M6PFDA	1.24	98.4	25 - 150	8.837667	8.72274	0.1149	+/-1.00	
M7PFUdA	1.24	95.0	25 - 150	9.273233	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	84.8	25 - 150	9.64245	9.613558	0.0289	+/-1.00	
M2PFTeDA	1.24	75.9	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.90	2.82	25 - 150	1.32415	1.212835	0.1113	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.37	108	25 - 150	8.356216	8.230688	0.1255	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.95	58.7	25 - 150	4.690383	4.464844	0.2255	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.48	94.5	10 - 150	9.388733	9.329721	0.0590	+/-1.00	
d3-N-MeFOSAA	4.95	85.9	25 - 150	9.040967	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	4.95	90.9	25 - 150	9.262983	9.17374	0.0892	+/-1.00	
M2-6:2 FTS	4.71	87.6	25 - 200	7.650434	7.551135	0.0993	+/-1.00	
M2-8:2 FTS	4.75	76.1	25 - 200	8.799817	8.687194	0.1126	+/-1.00	
M9PFNA	1.24	97.1	25 - 150	8.321033	8.190992	0.1300	+/-1.00	
M2-4:2 FTS	4.64	82.4	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	2.48	85.7	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	2.48	86.2	25 - 150	10.36485	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	9.90	98.1	25 - 150	6.476067	6.456387	0.0197	+/-1.00	
d9-N-EtFOSE	24.8	66.0	25 - 150	10.32545	10.459	-0.1336	+/-1.00	
d7-N-MeFOSE	24.8	70.6	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50651-BS2)			Lab File ID: QQQ48922.d		Analyzed: 01/14/25 14:20			
M3PFBS	2.31	109	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.48	94.2	25 - 150	6.195267	6.176775	0.0185	+/-1.00	
M4PFHpA	2.48	102	25 - 150	7.031133	6.964667	0.0665	+/-1.00	
M3PFHxS	2.35	114	25 - 150	7.13135	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.48	100	25 - 150	7.72675	7.608802	0.1179	+/-1.00	
M6PFDA	1.24	114	25 - 150	8.8377	8.72274	0.1150	+/-1.00	
M7PFUdA	1.24	112	25 - 150	9.273267	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	90.3	25 - 150	9.642484	9.613558	0.0289	+/-1.00	
M2PFTeDA	1.24	66.8	10 - 150	10.24873	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.92	2.05	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.38	98.4	25 - 150	8.35625	8.230688	0.1256	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.96	47.8	25 - 150	4.681183	4.464844	0.2163	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.48	94.2	10 - 150	9.388783	9.329721	0.0591	+/-1.00	
d3-N-MeFOSAA	4.96	87.7	25 - 150	9.041	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	4.96	85.7	25 - 150	9.263017	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	4.72	94.1	25 - 200	7.661016	7.551135	0.1099	+/-1.00	
M2-8:2 FTS	4.76	82.4	25 - 200	8.809134	8.687194	0.1219	+/-1.00	
M9PFNA	1.24	92.0	25 - 150	8.330334	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	4.65	89.0	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	2.48	77.4	25 - 150	10.11835	10.21148	-0.0931	+/-1.00	
d-N-EtFOSA	2.48	73.0	25 - 150	10.36488	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	9.92	96.6	25 - 150	6.476067	6.456387	0.0197	+/-1.00	
d9-N-EtFOSE	24.8	59.4	25 - 150	10.32548	10.459	-0.1335	+/-1.00	
d7-N-MeFOSE	24.8	67.9	25 - 150	10.08632	10.18604	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50650-BS2)			Lab File ID: QQQ48923.d		Analyzed: 01/14/25 14:36			
M3PFBS	23.3	99.6	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	25.0	96.5	25 - 150	6.195283	6.176775	0.0185	+/-1.00	
M4PFHpA	25.0	93.5	25 - 150	7.03115	6.964667	0.0665	+/-1.00	
M3PFHxS	23.7	102	25 - 150	7.131383	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	108	25 - 150	7.7175	7.608802	0.1087	+/-1.00	
M6PFDA	12.5	128	25 - 150	8.8377	8.72274	0.1150	+/-1.00	
M7PFUdA	12.5	124	25 - 150	9.273283	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	106	25 - 150	9.642484	9.613558	0.0289	+/-1.00	
M2PFTeDA	12.5	76.4	10 - 150	10.24873	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	2.10	25 - 150	1.32415	1.212835	0.1113	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	94.7	25 - 150	8.35625	8.230688	0.1256	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	48.3	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	91.4	10 - 150	9.388783	9.329721	0.0591	+/-1.00	
d3-N-MeFOSAA	50.0	83.9	25 - 150	9.041	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	50.0	85.3	25 - 150	9.263017	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	47.6	84.8	25 - 200	7.661033	7.551135	0.1099	+/-1.00	
M2-8:2 FTS	48.0	74.0	25 - 200	8.80915	8.687194	0.1220	+/-1.00	
M9PFNA	12.5	97.3	25 - 150	8.330334	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	46.9	79.6	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	25.0	75.3	25 - 150	10.11835	10.21148	-0.0931	+/-1.00	
d-N-EtFOSA	25.0	76.5	25 - 150	10.36488	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	100	101	25 - 150	6.485333	6.456387	0.0289	+/-1.00	
d9-N-EtFOSE	250	59.9	25 - 150	10.32548	10.459	-0.1335	+/-1.00	
d7-N-MeFOSE	250	68.5	25 - 150	10.08632	10.18604	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike (BA50519-MS1)			Lab File ID: QQQ48938.d		Analyzed: 01/14/25 18:40			
M3PFBS	2.41	112	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	2.58	107	25 - 150	6.176784	6.176775	0.0000	+/-1.00	
M4PFHpA	2.58	108	25 - 150	6.965833	6.964667	0.0012	+/-1.00	
M3PFHxS	2.45	119	25 - 150	7.057384	7.059694	-0.0023	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.58	115	25 - 150	7.632667	7.608802	0.0239	+/-1.00	
M6PFDA	1.29	88.7	25 - 150	8.754	8.72274	0.0313	+/-1.00	
M7PFUdA	1.29	80.2	25 - 150	9.20835	9.194471	0.0139	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.29	73.2	25 - 150	9.60545	9.613558	-0.0081	+/-1.00	
M2PFTeDA	1.29	37.5	10 - 150	10.24868	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.3	21.9	25 - 150	1.351683	1.212835	0.1388	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.48	99.5	25 - 150	8.253917	8.230688	0.0232	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.17	64.9	25 - 150	4.718017	4.464844	0.2532	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.58	102	10 - 150	9.333167	9.329721	0.0034	+/-1.00	
d3-N-MeFOSAA	5.17	89.0	25 - 150	8.96685	8.937294	0.0296	+/-1.00	
d5-N-EtFOSAA	5.17	96.4	25 - 150	9.1981	9.17374	0.0244	+/-1.00	
M2-6:2 FTS	4.92	97.4	25 - 200	7.5755	7.551135	0.0244	+/-1.00	
M2-8:2 FTS	4.96	89.9	25 - 200	8.71615	8.687194	0.0290	+/-1.00	
M9PFNA	1.29	108	25 - 150	8.2279	8.190992	0.0369	+/-1.00	
M2-4:2 FTS	4.85	96.7	25 - 150	6.101133	6.10806	-0.0069	+/-1.00	
d-N-MeFOSA	2.58	66.0	25 - 150	10.1183	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	2.58	70.0	25 - 150	10.38327	10.49709	-0.1138	+/-1.00	
M3HFPO-DA	10.3	97.7	25 - 150	6.448283	6.456387	-0.0081	+/-1.00	
d9-N-EtFOSE	25.8	58.0	25 - 150	10.34387	10.459	-0.1151	+/-1.00	
d7-N-MeFOSE	25.8	43.4	25 - 150	10.0955	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB001 (6-8 FT) (25A0380-03)			Lab File ID: QQQ48940.d		Analyzed: 01/14/25 19:12			
M3PFBS	2.63	129	25 - 150	5.436617	5.341737	0.0949	+/-1.00	
M5PFHxA	2.82	115	25 - 150	6.176784	6.176775	0.0000	+/-1.00	
M4PFHpA	2.82	105	25 - 150	6.937483	6.964667	-0.0272	+/-1.00	
M3PFHxS	2.67	98.6	25 - 150	7.020417	7.059694	-0.0393	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.82	93.1	25 - 150	7.576233	7.608802	-0.0326	+/-1.00	
M6PFDA	1.41	79.4	25 - 150	8.679883	8.72274	-0.0429	+/-1.00	
M7PFUdA	1.41	55.7	25 - 150	9.143283	9.194471	-0.0512	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.41	53.3	25 - 150	9.549983	9.613558	-0.0636	+/-1.00	
M2PFTeDA	1.41	54.7	10 - 150	10.21187	10.30281	-0.0909	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.3	102	25 - 150	1.397583	1.212835	0.1847	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.70	58.9	25 - 150	8.18815	8.230688	-0.0425	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.64	120	25 - 150	4.783233	4.464844	0.3184	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.82	55.8	10 - 150	9.268283	9.329721	-0.0614	+/-1.00	
d3-N-MeFOSAA	5.64	49.6	25 - 150	8.89185	8.937294	-0.0454	+/-1.00	
d5-N-EtFOSAA	5.64	50.3	25 - 150	9.133034	9.17374	-0.0407	+/-1.00	
M2-6:2 FTS	5.37	75.0	25 - 200	7.51945	7.551135	-0.0317	+/-1.00	
M2-8:2 FTS	5.42	51.5	25 - 200	8.642016	8.687194	-0.0452	+/-1.00	
M9PFNA	1.41	70.1	25 - 150	8.152017	8.190992	-0.0390	+/-1.00	
M2-4:2 FTS	5.29	96.5	25 - 150	6.101133	6.10806	-0.0069	+/-1.00	
d-N-MeFOSA	2.82	30.9	25 - 150	10.07223	10.21148	-0.1393	+/-1.00	
d-N-EtFOSA	2.82	36.0	25 - 150	10.34645	10.49709	-0.1506	+/-1.00	
M3HFPO-DA	11.3	117	25 - 150	6.438933	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	28.2	39.2	25 - 150	10.30705	10.459	-0.1519	+/-1.00	
d7-N-MeFOSE	28.2	38.1	25 - 150	10.04942	10.18604	-0.1366	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB002 (0-2IN) (25A0380-04)			Lab File ID: QQQ48941.d		Analyzed: 01/14/25 19:28			
M3PFBS	2.87	121	25 - 150	5.473516	5.341737	0.1318	+/-1.00	
M5PFHxA	3.08	110	25 - 150	6.186033	6.176775	0.0093	+/-1.00	
M4PFHpA	3.08	109	25 - 150	6.909717	6.964667	-0.0550	+/-1.00	
M3PFHxS	2.92	118	25 - 150	6.9922	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.08	103	25 - 150	7.520216	7.608802	-0.0886	+/-1.00	
M6PFDA	1.54	119	25 - 150	8.60575	8.72274	-0.1170	+/-1.00	
M7PFUdA	1.54	97.6	25 - 150	9.078417	9.194471	-0.1161	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.54	101	25 - 150	9.4849	9.613558	-0.1287	+/-1.00	
M2PFTeDA	1.54	67.9	10 - 150	10.17503	10.30281	-0.1278	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.3	98.0	25 - 150	1.379217	1.212835	0.1664	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.95	110	25 - 150	8.122583	8.230688	-0.1081	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.15	117	25 - 150	4.82015	4.464844	0.3553	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.08	101	10 - 150	9.2034	9.329721	-0.1263	+/-1.00	
d3-N-MeFOSAA	6.15	107	25 - 150	8.8168	8.937294	-0.1205	+/-1.00	
d5-N-EtFOSAA	6.15	128	25 - 150	9.058867	9.17374	-0.1149	+/-1.00	
M2-6:2 FTS	5.85	136	25 - 200	7.4731	7.551135	-0.0780	+/-1.00	
M2-8:2 FTS	5.91	156	25 - 200	8.5679	8.687194	-0.1193	+/-1.00	
M9PFNA	1.54	105	25 - 150	8.087067	8.190992	-0.1039	+/-1.00	
M2-4:2 FTS	5.77	138	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	3.08	71.4	25 - 150	10.04457	10.21148	-0.1669	+/-1.00	
d-N-EtFOSA	3.08	64.5	25 - 150	10.32803	10.49709	-0.1691	+/-1.00	
M3HFPO-DA	12.3	109	25 - 150	6.43895	6.456387	-0.0174	+/-1.00	
d9-N-EtFOSE	30.8	67.6	25 - 150	10.27942	10.459	-0.1796	+/-1.00	
d7-N-MeFOSE	30.8	64.3	25 - 150	10.00333	10.18604	-0.1827	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB002 (2 IN -24 IN) (25A0380-05)			Lab File ID: QQQ48942.d		Analyzed: 01/14/25 19:44			
M3PFBS	2.45	111	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	2.62	114	25 - 150	6.176767	6.176775	0.0000	+/-1.00	
M4PFHpA	2.62	121	25 - 150	6.937467	6.964667	-0.0272	+/-1.00	
M3PFHxS	2.49	114	25 - 150	7.029634	7.059694	-0.0301	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.62	103	25 - 150	7.56695	7.608802	-0.0419	+/-1.00	
M6PFDA	1.31	86.1	25 - 150	8.670617	8.72274	-0.0521	+/-1.00	
M7PFUdA	1.31	83.2	25 - 150	9.143267	9.194471	-0.0512	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.31	74.0	25 - 150	9.568467	9.613558	-0.0451	+/-1.00	
M2PFTeDA	1.31	72.8	10 - 150	10.2579	10.30281	-0.0449	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.5	4.08	25 - 150	1.37005	1.212835	0.1572	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.51	92.2	25 - 150	8.169567	8.230688	-0.0611	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.25	22.7	25 - 150	4.746333	4.464844	0.2815	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.62	90.8	10 - 150	9.268267	9.329721	-0.0615	+/-1.00	
d3-N-MeFOSAA	5.25	92.7	25 - 150	8.882566	8.937294	-0.0547	+/-1.00	
d5-N-EtFOSAA	5.25	109	25 - 150	9.133017	9.17374	-0.0407	+/-1.00	
M2-6:2 FTS	4.99	89.6	25 - 200	7.510167	7.551135	-0.0410	+/-1.00	
M2-8:2 FTS	5.04	87.8	25 - 200	8.63275	8.687194	-0.0544	+/-1.00	
M9PFNA	1.31	97.6	25 - 150	8.142734	8.190992	-0.0483	+/-1.00	
M2-4:2 FTS	4.92	95.1	25 - 150	6.110367	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	2.62	82.1	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	2.62	84.6	25 - 150	10.4017	10.49709	-0.0954	+/-1.00	
M3HFPO-DA	10.5	116	25 - 150	6.438933	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	26.2	81.5	25 - 150	10.36228	10.459	-0.0967	+/-1.00	
d7-N-MeFOSE	26.2	79.1	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB002 (6 - 8 FT) (25A0380-06)			Lab File ID: QQQ48943.d		Analyzed: 01/14/25 20:00			
M3PFBS	2.59	109	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	2.78	103	25 - 150	6.176784	6.176775	0.0000	+/-1.00	
M4PFHpA	2.78	107	25 - 150	6.937467	6.964667	-0.0272	+/-1.00	
M3PFHxS	2.63	108	25 - 150	7.02965	7.059694	-0.0300	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.78	102	25 - 150	7.576217	7.608802	-0.0326	+/-1.00	
M6PFDA	1.39	123	25 - 150	8.679883	8.72274	-0.0429	+/-1.00	
M7PFUdA	1.39	121	25 - 150	9.15255	9.194471	-0.0419	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.39	104	25 - 150	9.577733	9.613558	-0.0358	+/-1.00	
M2PFTeDA	1.39	103	10 - 150	10.26713	10.30281	-0.0357	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.1	1.25	25 - 150	1.379217	1.212835	0.1664	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.66	90.7	25 - 150	8.18815	8.230688	-0.0425	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.56	25.0	25 - 150	4.75555	4.464844	0.2907	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.78	78.5	10 - 150	9.286817	9.329721	-0.0429	+/-1.00	
d3-N-MeFOSAA	5.56	85.8	25 - 150	8.901134	8.937294	-0.0362	+/-1.00	
d5-N-EtFOSAA	5.56	96.0	25 - 150	9.1423	9.17374	-0.0314	+/-1.00	
M2-6:2 FTS	5.29	83.7	25 - 200	7.51945	7.551135	-0.0317	+/-1.00	
M2-8:2 FTS	5.34	80.9	25 - 200	8.651283	8.687194	-0.0359	+/-1.00	
M9PFNA	1.39	101	25 - 150	8.152017	8.190992	-0.0390	+/-1.00	
M2-4:2 FTS	5.21	89.0	25 - 150	6.110384	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	2.78	63.7	25 - 150	10.12755	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2.78	64.2	25 - 150	10.41092	10.49709	-0.0862	+/-1.00	
M3HFPO-DA	11.1	108	25 - 150	6.438933	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	27.8	69.7	25 - 150	10.37152	10.459	-0.0875	+/-1.00	
d7-N-MeFOSE	27.8	62.3	25 - 150	10.10475	10.18604	-0.0813	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB003 (2 IN- 24IN) (25A0380-08)			Lab File ID: QQQ48945.d		Analyzed: 01/14/25 20:32			
M3PFBS	2.59	108	25 - 150	5.41785	5.341737	0.0761	+/-1.00	
M5PFHxA	2.78	110	25 - 150	6.167533	6.176775	-0.0092	+/-1.00	
M4PFHpA	2.78	103	25 - 150	6.937467	6.964667	-0.0272	+/-1.00	
M3PFHxS	2.64	109	25 - 150	7.029634	7.059694	-0.0301	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.78	99.7	25 - 150	7.5855	7.608802	-0.0233	+/-1.00	
M6PFDA	1.39	110	25 - 150	8.68915	8.72274	-0.0336	+/-1.00	
M7PFUdA	1.39	89.1	25 - 150	9.162033	9.194471	-0.0324	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.39	84.3	25 - 150	9.577733	9.613558	-0.0358	+/-1.00	
M2PFTeDA	1.39	74.6	10 - 150	10.26713	10.30281	-0.0357	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.1	11.6	25 - 150	1.379233	1.212835	0.1664	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.66	98.4	25 - 150	8.197433	8.230688	-0.0333	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.56	109	25 - 150	4.737117	4.464844	0.2723	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.78	83.4	10 - 150	9.296083	9.329721	-0.0336	+/-1.00	
d3-N-MeFOSAA	5.56	89.3	25 - 150	8.910434	8.937294	-0.0269	+/-1.00	
d5-N-EtFOSAA	5.56	112	25 - 150	9.151584	9.17374	-0.0222	+/-1.00	
M2-6:2 FTS	5.29	82.6	25 - 200	7.5291	7.551135	-0.0220	+/-1.00	
M2-8:2 FTS	5.34	82.4	25 - 200	8.66055	8.687194	-0.0266	+/-1.00	
M9PFNA	1.39	111	25 - 150	8.171133	8.190992	-0.0199	+/-1.00	
M2-4:2 FTS	5.22	91.2	25 - 150	6.101133	6.10806	-0.0069	+/-1.00	
d-N-MeFOSA	2.78	52.9	25 - 150	10.13677	10.21148	-0.0747	+/-1.00	
d-N-EtFOSA	2.78	52.2	25 - 150	10.41092	10.49709	-0.0862	+/-1.00	
M3HFPO-DA	11.1	104	25 - 150	6.438933	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	27.8	57.5	25 - 150	10.37152	10.459	-0.0875	+/-1.00	
d7-N-MeFOSE	27.8	48.5	25 - 150	10.10473	10.18604	-0.0813	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1460	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB003 (6 - 8FT) (25A0380-09)			Lab File ID: QQQ48946.d		Analyzed: 01/14/25 20:48			
M3PFBS	2.36	128	25 - 150	5.436617	5.341737	0.0949	+/-1.00	
M5PFHxA	2.53	111	25 - 150	6.176767	6.176775	0.0000	+/-1.00	
M4PFHpA	2.53	109	25 - 150	6.928233	6.964667	-0.0364	+/-1.00	
M3PFHxS	2.40	124	25 - 150	7.020417	7.059694	-0.0393	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.53	114	25 - 150	7.56695	7.608802	-0.0419	+/-1.00	
M6PFDA	1.27	114	25 - 150	8.66135	8.72274	-0.0614	+/-1.00	
M7PFUdA	1.27	101	25 - 150	9.134	9.194471	-0.0605	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.27	92.8	25 - 150	9.549983	9.613558	-0.0636	+/-1.00	
M2PFTeDA	1.27	70.0	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.1	1.33	25 - 150	1.3884	1.212835	0.1756	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.43	90.2	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.06	41.2	25 - 150	4.764783	4.464844	0.2999	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.53	75.4	10 - 150	9.259017	9.329721	-0.0707	+/-1.00	
d3-N-MeFOSAA	5.06	98.5	25 - 150	8.8733	8.937294	-0.0640	+/-1.00	
d5-N-EtFOSAA	5.06	107	25 - 150	9.12375	9.17374	-0.0500	+/-1.00	
M2-6:2 FTS	4.82	95.6	25 - 200	7.510183	7.551135	-0.0410	+/-1.00	
M2-8:2 FTS	4.86	92.8	25 - 200	8.623484	8.687194	-0.0637	+/-1.00	
M9PFNA	1.27	106	25 - 150	8.133467	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	4.75	107	25 - 150	6.110367	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	2.53	52.6	25 - 150	10.1091	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	2.53	56.5	25 - 150	10.3925	10.49709	-0.1046	+/-1.00	
M3HFPO-DA	10.1	120	25 - 150	6.438933	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	25.3	58.4	25 - 150	10.35308	10.459	-0.1059	+/-1.00	
d7-N-MeFOSE	25.3	57.0	25 - 150	10.07708	10.18604	-0.1090	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank 1/7/25 (25A0380-17)			Lab File ID: QQQ48958.d		Analyzed: 01/15/25 00:02			
M3PFBS	22.8	96.7	25 - 150	5.445833	5.341737	0.1041	+/-1.00	
M5PFHxA	24.5	108	25 - 150	6.176767	6.176775	0.0000	+/-1.00	
M4PFHpA	24.5	105	25 - 150	6.91895	6.964667	-0.0457	+/-1.00	
M3PFHxS	23.2	98.8	25 - 150	7.011133	7.059694	-0.0486	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.5	103	25 - 150	7.548367	7.608802	-0.0604	+/-1.00	
M6PFDA	12.3	93.2	25 - 150	8.642817	8.72274	-0.0799	+/-1.00	
M7PFUdA	12.3	111	25 - 150	9.115434	9.194471	-0.0790	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.3	87.6	25 - 150	9.531484	9.613558	-0.0821	+/-1.00	
M2PFTeDA	12.3	71.2	10 - 150	10.23948	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	98.1	3.88	25 - 150	1.397583	1.212835	0.1847	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.5	89.9	25 - 150	8.150416	8.230688	-0.0803	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	49.0	67.9	25 - 150	4.774	4.464844	0.3092	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.5	104	10 - 150	9.249733	9.329721	-0.0800	+/-1.00	
d3-N-MeFOSAA	49.0	104	25 - 150	8.854716	8.937294	-0.0826	+/-1.00	
d5-N-EtFOSAA	49.0	114	25 - 150	9.095917	9.17374	-0.0778	+/-1.00	
M2-6:2 FTS	46.6	78.1	25 - 200	7.5009	7.551135	-0.0502	+/-1.00	
M2-8:2 FTS	47.1	91.6	25 - 200	8.60495	8.687194	-0.0822	+/-1.00	
M9PFNA	12.3	99.2	25 - 150	8.124166	8.190992	-0.0668	+/-1.00	
M2-4:2 FTS	46.0	74.7	25 - 150	6.110367	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	24.5	87.1	25 - 150	10.09988	10.21148	-0.1116	+/-1.00	
d-N-EtFOSA	24.5	75.1	25 - 150	10.3925	10.49709	-0.1046	+/-1.00	
M3HFPO-DA	98.1	103	25 - 150	6.438917	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	245	72.5	25 - 150	10.35308	10.459	-0.1059	+/-1.00	
d7-N-MeFOSE	245	69.7	25 - 150	10.07707	10.18604	-0.1090	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Equipment Blank 1/7/25 (25A0380-18)			Lab File ID: QQQ48959.d		Analyzed: 01/15/25 00:18			
M3PFBS	22.3	111	25 - 150	5.436633	5.341737	0.0949	+/-1.00	
M5PFHxA	24.0	101	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	24.0	112	25 - 150	6.88195	6.964667	-0.0827	+/-1.00	
M3PFHxS	22.7	114	25 - 150	6.964417	7.059694	-0.0953	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.0	108	25 - 150	7.501667	7.608802	-0.1071	+/-1.00	
M6PFDA	12.0	111	25 - 150	8.60575	8.72274	-0.1170	+/-1.00	
M7PFUdA	12.0	108	25 - 150	9.087667	9.194471	-0.1068	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.0	94.4	25 - 150	9.503384	9.613558	-0.1102	+/-1.00	
M2PFTeDA	12.0	74.9	10 - 150	10.20265	10.30281	-0.1002	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.9	3.60	25 - 150	1.406767	1.212835	0.1939	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.0	91.5	25 - 150	8.104016	8.230688	-0.1267	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.9	69.9	25 - 150	4.801683	4.464844	0.3368	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.0	93.1	10 - 150	9.212667	9.329721	-0.1171	+/-1.00	
d3-N-MeFOSAA	47.9	97.5	25 - 150	8.826067	8.937294	-0.1112	+/-1.00	
d5-N-EtFOSAA	47.9	106	25 - 150	9.0774	9.17374	-0.0963	+/-1.00	
M2-6:2 FTS	45.6	90.2	25 - 200	7.445283	7.551135	-0.1059	+/-1.00	
M2-8:2 FTS	46.0	97.8	25 - 200	8.567883	8.687194	-0.1193	+/-1.00	
M9PFNA	12.0	96.8	25 - 150	8.0685	8.190992	-0.1225	+/-1.00	
M2-4:2 FTS	45.0	86.6	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	24.0	85.0	25 - 150	10.07222	10.21148	-0.1393	+/-1.00	
d-N-EtFOSA	24.0	77.6	25 - 150	10.34643	10.49709	-0.1507	+/-1.00	
M3HFPO-DA	95.9	105	25 - 150	6.4019	6.456387	-0.0545	+/-1.00	
d9-N-EtFOSE	240	70.5	25 - 150	10.30703	10.459	-0.1520	+/-1.00	
d7-N-MeFOSE	240	65.5	25 - 150	10.03097	10.18604	-0.1551	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1460	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB004 (2 IN-24 IN) (25A0380-12)			Lab File ID: QQQ48996.d		Analyzed: 01/15/25 11:45			
M3PFBS	2.41	120	25 - 150	5.44585	5.341737	0.1041	+/-1.00	
M5PFHxA	2.58	101	25 - 150	6.186017	6.176775	0.0092	+/-1.00	
M4PFHpA	2.58	105	25 - 150	6.9097	6.964667	-0.0550	+/-1.00	
M3PFHxS	2.45	117	25 - 150	7.00145	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.58	110	25 - 150	7.5298	7.608802	-0.0790	+/-1.00	
M6PFDA	1.29	92.5	25 - 150	8.60575	8.72274	-0.1170	+/-1.00	
M7PFUdA	1.29	77.9	25 - 150	9.0784	9.194471	-0.1161	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.29	70.4	25 - 150	9.494133	9.613558	-0.1194	+/-1.00	
M2PFTeDA	1.29	49.5	10 - 150	10.20265	10.30281	-0.1002	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.3	4.66	25 - 150	1.379217	1.212835	0.1664	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.47	90.3	25 - 150	8.122583	8.230688	-0.1081	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.17	89.3	25 - 150	4.75555	4.464844	0.2907	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.58	103	10 - 150	9.221933	9.329721	-0.1078	+/-1.00	
d3-N-MeFOSAA	5.17	115	25 - 150	8.816783	8.937294	-0.1205	+/-1.00	
d5-N-EtFOSAA	5.17	134	25 - 150	9.058867	9.17374	-0.1149	+/-1.00	
M2-6:2 FTS	4.91	96.9	25 - 200	7.473083	7.551135	-0.0781	+/-1.00	
M2-8:2 FTS	4.96	117	25 - 200	8.567883	8.687194	-0.1193	+/-1.00	
M9PFNA	1.29	102	25 - 150	8.08705	8.190992	-0.1039	+/-1.00	
M2-4:2 FTS	4.85	100	25 - 150	6.1196	6.10806	0.0115	+/-1.00	
d-N-MeFOSA	2.58	50.8	25 - 150	10.09067	10.21148	-0.1208	+/-1.00	
d-N-EtFOSA	2.58	38.1	25 - 150	10.37407	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	10.3	109	25 - 150	6.429667	6.456387	-0.0267	+/-1.00	
d9-N-EtFOSE	25.8	45.8	25 - 150	10.33467	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	25.8	49.5	25 - 150	10.05863	10.18604	-0.1274	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB004 (6- 8 FT) (25A0380-13)			Lab File ID: QQQ48997.d		Analyzed: 01/15/25 12:01			
M3PFBS	2.36	110	25 - 150	5.41785	5.341737	0.0761	+/-1.00	
M5PFHxA	2.53	102	25 - 150	6.167533	6.176775	-0.0092	+/-1.00	
M4PFHpA	2.53	102	25 - 150	6.928216	6.964667	-0.0365	+/-1.00	
M3PFHxS	2.40	111	25 - 150	7.02965	7.059694	-0.0300	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.53	89.9	25 - 150	7.576233	7.608802	-0.0326	+/-1.00	
M6PFDA	1.27	103	25 - 150	8.679883	8.72274	-0.0429	+/-1.00	
M7PFUdA	1.27	81.1	25 - 150	9.143283	9.194471	-0.0512	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.27	62.7	25 - 150	9.559234	9.613558	-0.0543	+/-1.00	
M2PFTeDA	1.27	60.1	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.1	2.17	25 - 150	1.360867	1.212835	0.1480	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.42	102	25 - 150	8.18815	8.230688	-0.0425	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.06	69.1	25 - 150	4.727883	4.464844	0.2630	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.53	94.4	10 - 150	9.286817	9.329721	-0.0429	+/-1.00	
d3-N-MeFOSAA	5.06	55.5	25 - 150	8.891867	8.937294	-0.0454	+/-1.00	
d5-N-EtFOSAA	5.06	75.7	25 - 150	9.133034	9.17374	-0.0407	+/-1.00	
M2-6:2 FTS	4.81	71.0	25 - 200	7.5291	7.551135	-0.0220	+/-1.00	
M2-8:2 FTS	4.86	65.4	25 - 200	8.642034	8.687194	-0.0452	+/-1.00	
M9PFNA	1.27	86.7	25 - 150	8.152017	8.190992	-0.0390	+/-1.00	
M2-4:2 FTS	4.75	64.2	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	2.53	59.7	25 - 150	10.12755	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2.53	44.4	25 - 150	10.4017	10.49709	-0.0954	+/-1.00	
M3HFPO-DA	10.1	112	25 - 150	6.420417	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	25.3	42.6	25 - 150	10.3623	10.459	-0.0967	+/-1.00	
d7-N-MeFOSE	25.3	49.5	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB005 (0- 2IN) (25A0380-14)			Lab File ID: QQQ48998.d		Analyzed: 01/15/25 12:17			
M3PFBS	2.70	120	25 - 150	5.4735	5.341737	0.1318	+/-1.00	
M5PFHxA	2.89	106	25 - 150	6.204517	6.176775	0.0277	+/-1.00	
M4PFHpA	2.89	113	25 - 150	6.928216	6.964667	-0.0365	+/-1.00	
M3PFHxS	2.74	123	25 - 150	7.01115	7.059694	-0.0485	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.89	113	25 - 150	7.5202	7.608802	-0.0886	+/-1.00	
M6PFDA	1.45	116	25 - 150	8.587216	8.72274	-0.1355	+/-1.00	
M7PFUdA	1.45	98.3	25 - 150	9.059867	9.194471	-0.1346	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.45	85.8	25 - 150	9.475634	9.613558	-0.1379	+/-1.00	
M2PFTeDA	1.45	64.3	10 - 150	10.19345	10.30281	-0.1094	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.6	2.58	25 - 150	1.3884	1.212835	0.1756	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.77	97.9	25 - 150	8.104033	8.230688	-0.1267	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.79	81.8	25 - 150	4.783233	4.464844	0.3184	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.89	80.9	10 - 150	9.2034	9.329721	-0.1263	+/-1.00	
d3-N-MeFOSAA	5.79	110	25 - 150	8.8075	8.937294	-0.1298	+/-1.00	
d5-N-EtFOSAA	5.79	123	25 - 150	9.04935	9.17374	-0.1244	+/-1.00	
M2-6:2 FTS	5.50	135	25 - 200	7.473083	7.551135	-0.0781	+/-1.00	
M2-8:2 FTS	5.55	157	25 - 200	8.558617	8.687194	-0.1286	+/-1.00	
M9PFNA	1.45	101	25 - 150	8.077784	8.190992	-0.1132	+/-1.00	
M2-4:2 FTS	5.43	132	25 - 150	6.138083	6.10806	0.0300	+/-1.00	
d-N-MeFOSA	2.89	44.8	25 - 150	10.07222	10.21148	-0.1393	+/-1.00	
d-N-EtFOSA	2.89	36.3	25 - 150	10.35565	10.49709	-0.1414	+/-1.00	
M3HFPO-DA	11.6	116	25 - 150	6.45755	6.456387	0.0012	+/-1.00	
d9-N-EtFOSE	28.9	41.1	25 - 150	10.31625	10.459	-0.1427	+/-1.00	
d7-N-MeFOSE	28.9	53.2	25 - 150	10.0402	10.18604	-0.1458	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB005 (2 IN-24 IN) (25A0380-15)			Lab File ID: QQQ48999.d		Analyzed: 01/15/25 12:33			
M3PFBS	2.60	119	25 - 150	5.436617	5.341737	0.0949	+/-1.00	
M5PFHxA	2.79	110	25 - 150	6.186017	6.176775	0.0092	+/-1.00	
M4PFHpA	2.79	117	25 - 150	6.937467	6.964667	-0.0272	+/-1.00	
M3PFHxS	2.65	110	25 - 150	7.029634	7.059694	-0.0301	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.79	113	25 - 150	7.576217	7.608802	-0.0326	+/-1.00	
M6PFDA	1.40	145	25 - 150	8.679867	8.72274	-0.0429	+/-1.00	
M7PFUdA	1.40	99.4	25 - 150	9.143267	9.194471	-0.0512	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.40	70.4	25 - 150	9.559216	9.613558	-0.0543	+/-1.00	
M2PFTeDA	1.40	55.3	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2	2.30	25 - 150	1.37005	1.212835	0.1572	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.68	97.6	25 - 150	8.17885	8.230688	-0.0518	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.59	61.8	25 - 150	4.75555	4.464844	0.2907	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.79	89.0	10 - 150	9.2868	9.329721	-0.0429	+/-1.00	
d3-N-MeFOSAA	5.59	94.3	25 - 150	8.89185	8.937294	-0.0454	+/-1.00	
d5-N-EtFOSAA	5.59	101	25 - 150	9.133017	9.17374	-0.0407	+/-1.00	
M2-6:2 FTS	5.31	91.8	25 - 200	7.519433	7.551135	-0.0317	+/-1.00	
M2-8:2 FTS	5.36	98.2	25 - 200	8.642016	8.687194	-0.0452	+/-1.00	
M9PFNA	1.40	121	25 - 150	8.152017	8.190992	-0.0390	+/-1.00	
M2-4:2 FTS	5.24	101	25 - 150	6.1196	6.10806	0.0115	+/-1.00	
d-N-MeFOSA	2.79	39.2	25 - 150	10.12753	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2.79	36.7	25 - 150	10.4109	10.49709	-0.0862	+/-1.00	
M3HFPO-DA	11.2	106	25 - 150	6.438917	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	27.9	44.6	25 - 150	10.3715	10.459	-0.0875	+/-1.00	
d7-N-MeFOSE	27.9	30.2	25 - 150	10.0955	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1460	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB005 (6- 8FT) (25A0380-16)			Lab File ID: QQQ49000.d		Analyzed: 01/15/25 12:49			
M3PFBS	2.38	118	25 - 150	5.436617	5.341737	0.0949	+/-1.00	
M5PFHxA	2.55	105	25 - 150	6.176784	6.176775	0.0000	+/-1.00	
M4PFHpA	2.55	113	25 - 150	6.928233	6.964667	-0.0364	+/-1.00	
M3PFHxS	2.42	117	25 - 150	7.0204	7.059694	-0.0393	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.55	111	25 - 150	7.557667	7.608802	-0.0511	+/-1.00	
M6PFDA	1.27	102	25 - 150	8.652083	8.72274	-0.0707	+/-1.00	
M7PFUdA	1.27	82.3	25 - 150	9.124733	9.194471	-0.0697	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.27	65.7	25 - 150	9.54075	9.613558	-0.0728	+/-1.00	
M2PFTeDA	1.27	50.6	10 - 150	10.25793	10.30281	-0.0449	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.2	5.59	25 - 150	1.379217	1.212835	0.1664	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.44	85.4	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.10	97.1	25 - 150	4.746333	4.464844	0.2815	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.55	70.3	10 - 150	9.268283	9.329721	-0.0614	+/-1.00	
d3-N-MeFOSAA	5.10	77.3	25 - 150	8.864017	8.937294	-0.0733	+/-1.00	
d5-N-EtFOSAA	5.10	80.2	25 - 150	9.1052	9.17374	-0.0685	+/-1.00	
M2-6:2 FTS	4.85	86.9	25 - 200	7.510183	7.551135	-0.0410	+/-1.00	
M2-8:2 FTS	4.90	84.2	25 - 200	8.614217	8.687194	-0.0730	+/-1.00	
M9PFNA	1.27	101	25 - 150	8.13345	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	4.78	96.3	25 - 150	6.110384	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	2.55	36.5	25 - 150	10.13677	10.21148	-0.0747	+/-1.00	
d-N-EtFOSA	2.55	28.6	25 - 150	10.42013	10.49709	-0.0770	+/-1.00	
M3HFPO-DA	10.2	102	25 - 150	6.438933	6.456387	-0.0175	+/-1.00	
d9-N-EtFOSE	25.5	36.5	25 - 150	10.38073	10.459	-0.0783	+/-1.00	
d7-N-MeFOSE	25.5	33.5	25 - 150	10.10475	10.18604	-0.0813	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 1633 Draft 3

SB001(2 IN-24IN)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50519	Laboratory ID:	BA50519-MS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	8.27	ND	1.88	22.7 *	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.27	ND	10.2	123	25 - 150
Perfluorobutanesulfonic acid (PFBS)	3.66	ND	3.37	92.0	25 - 150
Perfluorodecanoic acid (PFDA)	4.14	ND	3.78	91.5	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.01	ND	1.79	44.5	25 - 150
Perfluorododecanoic acid (PFDoA)	4.14	ND	3.69	89.2	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.14	ND	3.57	86.4	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.78	ND	3.47	91.6	25 - 150
Perfluorohexanoic acid (PFHxA)	4.14	ND	3.91	94.5	25 - 150
Perfluoro-n-butanoic acid (PFBA)	16.5	ND	14.8	89.3	25 - 150
Perfluorononanoic acid (PFNA)	4.14	ND	3.78	91.4	25 - 150
Perfluorooctanesulfonic acid (PFOS)	3.85	3.01	8.62	146	25 - 150
Perfluorooctanoic acid (PFOA)	4.14	ND	3.11	75.2	25 - 150
Perfluoropentanoic acid (PFPeA)	8.27	ND	7.63	92.3	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.14	ND	3.80	91.8	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.14	ND	5.91	143	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.14	ND	4.08	98.8	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SB001(2 IN-24IN)

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50519
Laboratory ID: BA50519-MSD1
Preparation: EPA 1633 Prep
Initial/Final: 5.02 g / 5 mL
Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	8.27	4.10	49.6	74.4 *	30	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.27	9.20	111	10.0	30	25 - 150
Perfluorobutanesulfonic acid (PFBS)	3.66	3.38	92.3	0.287	35	25 - 150
Perfluorodecanoic acid (PFDA)	4.14	3.16	76.5	17.9	35	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	4.01	2.35	58.6	27.2	30	25 - 150
Perfluorododecanoic acid (PFDoA)	4.14	3.47	83.8	6.27	35	25 - 150
Perfluoroheptanoic acid (PFHpA)	4.14	3.91	94.5	8.96	35	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.78	3.62	95.5	4.21	35	25 - 150
Perfluorohexanoic acid (PFHxA)	4.14	4.05	98.0	3.57	35	25 - 150
Perfluoro-n-butanoic acid (PFBA)	16.5	15.3	92.7	3.77	35	25 - 150
Perfluorononanoic acid (PFNA)	4.14	4.04	97.6	6.65	35	25 - 150
Perfluorooctanesulfonic acid (PFOS)	3.85	18.7	408 *	73.8 *	35	25 - 150
Perfluorooctanoic acid (PFOA)	4.14	3.84	93.0	21.1	35	25 - 150
Perfluoropentanoic acid (PFPeA)	8.27	7.90	95.6	3.49	35	25 - 150
Perfluorotetradecanoic acid (PFTA)	4.14	3.59	86.7	5.64	35	25 - 150
Perfluorotridecanoic acid (PFTrDA)	4.14	4.81	116	20.4	35	25 - 150
Perfluoroundecanoic acid (PFUnA)	4.14	3.57	86.3	13.5	35	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50519	Laboratory ID:	BA50519-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.51	4.80	63.9	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.3	13.9	90.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	13.3	89.2	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	12.6	83.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.5	58.9	74.0	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.5	67.5	84.9	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.9	9.24	58.1	50 - 150
9CL-PF3ONS	7.44	5.18	69.7	50 - 150
ADONA	7.51	7.04	93.7	50 - 150
HFPO-DA (Gen-X)	7.95	8.23	104	50 - 150
N-EtFOSA	3.98	3.47	87.3	50 - 150
N-EtFOSAA	3.98	3.70	92.9	50 - 150
N-EtFOSE	39.8	38.0	95.6	50 - 150
N-MeFOSA	3.98	4.02	101	50 - 150
N-MeFOSAA	3.98	4.03	101	50 - 150
N-MeFOSE	39.8	39.5	99.4	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.08	6.46	91.2	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.84	3.56	92.9	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.80	3.42	90.0	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.82	3.63	95.2	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.98	3.33	83.9	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.74	4.01	107	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.95	6.97	87.6	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.95	0.920	11.6 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.95	11.9	149	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.52	3.35	95.3	50 - 150
Perfluorodecanoic acid (PFDA)	3.98	3.54	89.0	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.86	3.15	81.5	50 - 150
Perfluorododecanoic acid (PFDoA)	3.98	3.87	97.2	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50519	Laboratory ID:	BA50519-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.751	0.459	61.0	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.47	96.1	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.46	97.9	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	1.29	85.7	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.95	5.27	66.3	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.95	6.46	81.2	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	0.663	41.7 *	50 - 150
9CL-PF3ONS	0.744	0.469	63.1	50 - 150
ADONA	0.751	0.694	92.4	50 - 150
HFPO-DA (Gen-X)	0.795	0.618	77.7	50 - 150
N-EtFOSA	0.398	0.274	68.9	50 - 150
N-EtFOSAA	0.398	0.417	105	50 - 150
N-EtFOSE	3.98	3.79	95.3	50 - 150
N-MeFOSA	0.398	0.511	128	50 - 150
N-MeFOSAA	0.398	0.299	75.1	50 - 150
N-MeFOSE	3.98	4.37	110	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.708	0.646	91.2	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.384	0.443	115	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.331	87.3	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.361	94.6	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.398	0.351	88.4	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.374	0.388	104	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.795	0.694	87.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.795	0.0649	8.16 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.795	1.34	169 *	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.352	0.328	93.3	50 - 150
Perfluorodecanoic acid (PFDA)	0.398	0.363	91.2	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.386	0.351	91.1	50 - 150
Perfluorododecanoic acid (PFDoA)	0.398	0.357	89.9	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50631	Laboratory ID:	BA50631-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.53	5.34	71.0	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.3	12.0	78.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	12.9	86.0	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	11.5	75.9	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.7	69.7	87.4	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.7	59.2	74.3	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.9	13.6	85.5	50 - 150
9CL-PF3ONS	7.45	6.25	83.9	50 - 150
ADONA	7.53	6.73	89.4	50 - 150
HFPO-DA (Gen-X)	7.97	7.97	100	50 - 150
N-EtFOSA	3.98	2.71	68.1	50 - 150
N-EtFOSAA	3.98	3.10	77.8	50 - 150
N-EtFOSE	39.8	32.7	82.1	50 - 150
N-MeFOSA	3.98	3.48	87.3	50 - 150
N-MeFOSAA	3.98	3.36	84.2	50 - 150
N-MeFOSE	39.8	34.0	85.3	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.09	5.52	77.8	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.84	3.06	79.6	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.80	2.96	77.8	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.82	3.14	82.1	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.98	2.43	60.9	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.75	3.10	82.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.97	5.72	71.8	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.97	6.54	82.1	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.97	6.31	79.2	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.53	2.82	79.9	50 - 150
Perfluorodecanoic acid (PFDA)	3.98	2.73	68.5	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.86	2.11	54.6	50 - 150
Perfluorododecanoic acid (PFDoA)	3.98	3.29	82.6	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50631	Laboratory ID:	BA50631-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	3.98	3.62	90.8	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.65	2.95	80.8	50 - 150
Perfluorohexanoic acid (PFHxA)	3.98	2.95	74.1	50 - 150
Perfluoro-n-butanoic acid (PFBA)	15.9	12.9	80.9	50 - 150
Perfluorononanoic acid (PFNA)	3.98	2.55	64.0	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.71	2.86	77.2	50 - 150
Perfluorooctanoic acid (PFOA)	3.98	2.88	72.4	50 - 150
Perfluoropentanoic acid (PFPeA)	7.97	6.34	79.5	50 - 150
Perfluorotetradecanoic acid (PFTA)	3.98	3.15	78.9	50 - 150
Perfluorotridecanoic acid (PFTrDA)	3.98	2.86	71.8	50 - 150
Perfluoroundecanoic acid (PFUnA)	3.98	3.52	88.2	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50631	Laboratory ID:	BA50631-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.756	0.503	66.6	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.54	1.50	97.6	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.50	1.44	95.7	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.52	1.26	83.1	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	8.00	6.68	83.5	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	8.00	6.66	83.3	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.60	1.45	90.9	50 - 150
9CL-PF3ONS	0.748	0.595	79.6	50 - 150
ADONA	0.756	0.679	89.9	50 - 150
HFPO-DA (Gen-X)	0.800	0.762	95.3	50 - 150
N-EtFOSA	0.400	0.407	102	50 - 150
N-EtFOSAA	0.400	0.343	85.9	50 - 150
N-EtFOSE	4.00	3.85	96.2	50 - 150
N-MeFOSA	0.400	0.341	85.2	50 - 150
N-MeFOSAA	0.400	0.387	96.7	50 - 150
N-MeFOSE	4.00	3.70	92.5	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.712	0.603	84.7	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.386	0.313	81.0	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.382	0.291	76.3	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.384	0.361	93.9	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.400	0.273	68.3	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.376	0.322	85.6	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.800	0.462	57.7	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.800	0.713	89.2	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.800	0.707	88.4	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.354	0.337	95.1	50 - 150
Perfluorodecanoic acid (PFDA)	0.400	0.276	68.9	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.388	0.132	34.0 *	50 - 150
Perfluorododecanoic acid (PFDoA)	0.400	0.391	97.8	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	75.6	72.0	95.2	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	169	110	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	150	168	112	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	152	140	92.2	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	800	869	109	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	800	836	105	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	160	96.1	60.1	50 - 150
9CL-PF3ONS	74.8	77.3	103	50 - 150
ADONA	75.6	84.0	111	50 - 150
HFPO-DA (Gen-X)	80.0	83.9	105	50 - 150
N-EtFOSA	40.0	34.0	84.9	50 - 150
N-EtFOSAA	40.0	42.7	107	50 - 150
N-EtFOSE	400	423	106	50 - 150
N-MeFOSA	40.0	42.8	107	50 - 150
N-MeFOSAA	40.0	42.0	105	50 - 150
N-MeFOSE	400	418	105	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.2	70.6	99.2	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	38.6	33.3	86.2	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.2	31.9	83.5	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	38.4	36.4	94.7	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	40.0	31.4	78.5	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	40.0	106	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	80.0	62.6	78.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	9.60	12.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	111	138	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	36.9	104	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	31.9	79.7	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	38.8	23.5	60.5	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	41.0	102	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	40.0	33.1	82.7	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	36.6	39.9	109	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	39.9	99.8	50 - 150
Perfluoro-n-butanoic acid (PFBA)	160	123	77.1	50 - 150
Perfluorononanoic acid (PFNA)	40.0	36.5	91.3	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	34.1	91.8	50 - 150
Perfluorooctanoic acid (PFOA)	40.0	36.0	90.1	50 - 150
Perfluoropentanoic acid (PFPeA)	80.0	77.9	97.4	50 - 150
Perfluorotetradecanoic acid (PFTA)	40.0	37.7	94.4	50 - 150
Perfluorotridecanoic acid (PFTrDA)	40.0	60.0	150	50 - 150
Perfluoroundecanoic acid (PFUnA)	40.0	42.0	105	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	6.17	81.7	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	14.5	94.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	14.9	99.6	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	12.4	81.6	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	80.4	100	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	75.7	94.6	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	10.3	64.3	50 - 150
9CL-PF3ONS	7.48	7.71	103	50 - 150
ADONA	7.56	7.71	102	50 - 150
HFPO-DA (Gen-X)	8.00	7.66	95.7	50 - 150
N-EtFOSA	4.00	5.07	127	50 - 150
N-EtFOSAA	4.00	4.08	102	50 - 150
N-EtFOSE	40.0	34.7	86.7	50 - 150
N-MeFOSA	4.00	4.04	101	50 - 150
N-MeFOSAA	4.00	4.10	102	50 - 150
N-MeFOSE	40.0	38.4	96.1	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	6.87	96.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	2.45	63.5	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	3.04	79.5	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	3.24	84.3	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	4.17	104	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.71	98.5	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	5.69	71.1	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	0.674	8.43 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	11.0	138	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	3.34	94.3	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.13	78.3	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.04	52.6	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	2.71	67.8	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	4.00	4.30	107	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.66	3.46	94.6	50 - 150
Perfluorohexanoic acid (PFHxA)	4.00	3.91	97.6	50 - 150
Perfluoro-n-butanoic acid (PFBA)	16.0	8.37	52.3	50 - 150
Perfluorononanoic acid (PFNA)	4.00	3.02	75.4	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.51	94.4	50 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.19	79.6	50 - 150
Perfluoropentanoic acid (PFPeA)	8.00	7.63	95.4	50 - 150
Perfluorotetradecanoic acid (PFTA)	4.00	2.99	74.7	50 - 150
Perfluorotridecanoic acid (PFTrDA)	4.00	4.77	119	50 - 150
Perfluoroundecanoic acid (PFUnA)	4.00	3.75	93.8	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50651	Laboratory ID:	BA50651-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.05 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.49	7.01	93.7	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.2	15.7	103	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	14.5	97.6	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.0	12.9	85.5	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.2	83.7	106	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.2	78.4	99.0	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.8	11.0	69.2	50 - 150
9CL-PF3ONS	7.41	8.37	113	50 - 150
ADONA	7.49	8.35	112	50 - 150
HFPO-DA (Gen-X)	7.92	8.69	110	50 - 150
N-EtFOSA	3.96	3.54	89.4	50 - 150
N-EtFOSAA	3.96	4.17	105	50 - 150
N-EtFOSE	39.6	38.3	96.7	50 - 150
N-MeFOSA	3.96	4.51	114	50 - 150
N-MeFOSAA	3.96	4.03	102	50 - 150
N-MeFOSE	39.6	43.5	110	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.05	6.96	98.7	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.82	2.73	71.5	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.78	3.05	80.7	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.80	3.64	95.9	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.96	4.07	103	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.72	3.73	100	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.92	6.37	80.5	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.92	1.03	13.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.92	10.8	137	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.50	3.57	102	50 - 150
Perfluorodecanoic acid (PFDA)	3.96	3.20	80.7	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.84	2.57	66.8	50 - 150
Perfluorododecanoic acid (PFDoA)	3.96	4.01	101	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50651	Laboratory ID:	BA50651-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.750	0.574	76.5	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.52	1.50	98.3	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.37	92.0	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	1.35	89.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.94	8.03	101	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.94	7.47	94.2	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	0.934	58.8	50 - 150
9CL-PF3ONS	0.742	0.766	103	50 - 150
ADONA	0.750	0.738	98.5	50 - 150
HFPO-DA (Gen-X)	0.794	0.682	85.9	50 - 150
N-EtFOSA	0.397	0.521	131	50 - 150
N-EtFOSAA	0.397	0.370	93.2	50 - 150
N-EtFOSE	3.97	3.94	99.2	50 - 150
N-MeFOSA	0.397	0.430	108	50 - 150
N-MeFOSAA	0.397	0.365	91.9	50 - 150
N-MeFOSE	3.97	4.22	106	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.706	0.657	93.0	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.383	0.295	76.9	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.379	0.327	86.3	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.381	0.337	88.4	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.397	0.382	96.2	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.373	0.357	95.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.794	0.655	82.5	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.794	0.0627	7.90 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.794	1.03	129	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.351	0.320	91.3	50 - 150
Perfluorodecanoic acid (PFDA)	0.397	0.339	85.5	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.385	0.207	53.8	50 - 150
Perfluorododecanoic acid (PFDoA)	0.397	0.427	108	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50651	Laboratory ID:	BA50651-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.397	0.395	99.6	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.363	0.408	112	50 - 150
Perfluorohexanoic acid (PFHxA)	0.397	0.391	98.6	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.59	0.776	48.9 *	50 - 150
Perfluorononanoic acid (PFNA)	0.397	0.314	79.2	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.369	0.363	98.3	50 - 150
Perfluorooctanoic acid (PFOA)	0.397	0.319	80.5	50 - 150
Perfluoropentanoic acid (PFPeA)	0.794	0.714	90.0	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.397	0.305	77.0	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.397	0.462	117	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.397	0.338	85.2	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48892.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1335	Injection Date:	01/13/25
Lab Sample ID:	S5A1335-CCV2	Injection Time:	15:14

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.23	0.9448179	0.9082185		-2.4	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.1952806	0.2064338		7.9	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.76	1.066086	1.111645		4.1	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.81	1.426505	1.329949		-7.3	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	78.3	0.1813056	0.2173374		25.1	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	71.6	0.1534032	0.1718339		14.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	13.3	1.930729E-02	1.905167E-02		6.5	30	
9CL-PF3ONS	A	9.35	9.69	1.465158	1.453893		3.6	30	
ADONA	A	9.45	10.0	0.5101587	0.5304896		5.8	30	
HFPO-DA (Gen-X)	A	10.0	9.74	2.252066E-02	2.256129E-02		-2.6	30	
N-EtFOSA	A	2.50	2.00	1.095011	0.9756094		-20.2	30	
N-EtFOSAA	A	2.50	0.300	0.9298609	0.1017221		-88.0	30	*
N-EtFOSE	A	25.0	24.3	1.955788	1.935516		-2.9	30	
N-MeFOSA	A	2.50	2.44	0.8199202	0.7597253		-2.3	30	
N-MeFOSAA	A	2.50	2.88	0.8324625	0.9081051		15.3	30	
N-MeFOSE	A	25.0	24.4	0.8714412	0.8037639		-2.5	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.54	1.168917	1.238491		1.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.79	0.8623288	1.023141		16.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.34	3.199815	3.310463		-1.6	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.55	0.1537279	0.1557438		6.3	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.07	1.763448	1.402062		-17.3	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.42	1.410116	1.374913		3.0	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.64	1.000566E-02	1.035784E-02		-7.1	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48916.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/14/25
Lab Sample ID:	S5A1460-CCV1	Injection Time:	12:43

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	9.18	0.9448179	0.9033939		-2.9	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.1952806	0.2066394		8.0	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.83	1.066086	1.118497		4.8	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.72	1.426505	1.317393		-8.2	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	73.8	0.1813056	0.205081		17.9	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	68.6	0.1534032	0.1646831		9.6	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.1	1.930729E-02	0.0255065		37.1	30 *
9CL-PF3ONS	A	9.35	9.73	1.465158	1.460861		4.1	30
ADONA	A	9.45	10.1	0.5101587	0.5344089		6.6	30
HFPO-DA (Gen-X)	A	10.0	10.1	2.252066E-02	0.0233556		0.8	30
N-EtFOSA	A	2.50	2.18	1.095011	1.0673		-12.7	30
N-EtFOSAA	A	2.50	2.68	0.9298609	0.9103931		7.0	30
N-EtFOSE	A	25.0	22.5	1.955788	1.791603		-10.1	30
N-MeFOSA	A	2.50	2.44	0.8199202	0.7604777		-2.2	30
N-MeFOSAA	A	2.50	2.66	0.8324625	0.8391346		6.6	30
N-MeFOSE	A	25.0	27.0	0.8714412	0.8897278		7.9	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.28	1.168917	1.168534		-3.9	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.28	0.8623288	0.835727		-5.4	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.19	3.199815	3.093457		-8.1	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.42	0.1537279	0.1444117		1.0	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.53	1.763448	1.716134		1.3	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.45	1.410116	1.391716		4.3	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.67	1.000566E-02	8.217191E-03		-26.5	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48934.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/14/25
Lab Sample ID:	S5A1460-CCV2	Injection Time:	17:35

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.91	0.9448179	0.8766615		-5.8	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.5	0.1952806	0.2092523		9.5	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.61	1.066086	1.095433		2.4	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.25	1.426505	1.3912		-2.7	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	81.5	0.1813056	0.2261598		30.2	30	*
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	76.3	0.1534032	0.1829622		21.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	16.6	1.930729E-02	2.683757E-02		32.5	30	*
9CL-PF3ONS	A	9.35	9.97	1.465158	1.495976		6.6	30	
ADONA	A	9.45	9.87	0.5101587	0.5233833		4.4	30	
HFPO-DA (Gen-X)	A	10.0	9.50	2.252066E-02	2.201564E-02		-5.0	30	
N-EtFOSA	A	2.50	2.41	1.095011	1.177279		-3.6	30	
N-EtFOSAA	A	2.50	2.54	0.9298609	0.8629064		1.4	30	
N-EtFOSE	A	25.0	24.1	1.955788	1.918986		-3.7	30	
N-MeFOSA	A	2.50	2.62	0.8199202	0.8154331		4.8	30	
N-MeFOSAA	A	2.50	2.62	0.8324625	0.8249232		4.8	30	
N-MeFOSE	A	25.0	27.0	0.8714412	0.8917653		8.2	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.86	1.168917	1.327108		9.3	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	1.95	0.8623288	0.7160054		-19.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.15	3.199815	3.045124		-9.5	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.37	0.1537279	0.1478769		-1.1	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.53	1.763448	1.713626		1.1	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.41	1.410116	1.3677		2.5	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.47	1.000566E-02	9.977128E-03		-10.6	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48948.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/14/25
Lab Sample ID:	S5A1460-CCV3	Injection Time:	21:20

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	9.99	0.9448179	0.9835519		5.7	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.2	0.1952806	0.2034478		6.2	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.41	1.066086	1.074054		0.3	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.98	1.426505	1.493056		5.1	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	62.4	0.1813056	0.1734756		-0.4	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	68.4	0.1534032	0.1642851		9.3	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.2	1.930729E-02	2.514321E-02		37.3	30 *
9CL-PF3ONS	A	9.35	10.9	1.465158	1.636184		16.6	30
ADONA	A	9.45	10.8	0.5101587	0.5738324		14.5	30
HFPO-DA (Gen-X)	A	10.0	10.8	2.252066E-02	2.492689E-02		7.7	30
N-EtFOSA	A	2.50	2.45	1.095011	1.198044		-1.9	30
N-EtFOSAA	A	2.50	2.65	0.9298609	0.900977		5.9	30
N-EtFOSE	A	25.0	21.1	1.955788	1.683248		-15.6	30
N-MeFOSA	A	2.50	2.61	0.8199202	0.8126237		4.5	30
N-MeFOSAA	A	2.50	2.93	0.8324625	0.9216752		17.0	30
N-MeFOSE	A	25.0	29.2	0.8714412	0.9623483		16.7	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.38	1.168917	1.196475		-1.5	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.36	0.8623288	0.8633118		-2.3	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.14	3.199815	3.024538		-10.1	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.69	0.1537279	0.160162		12.2	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.48	1.763448	1.684223		-0.6	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.39	1.410116	1.356564		1.7	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.45	1.000566E-02	7.720934E-03		-31.0	30 *

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48960.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV4	Injection Time:	00:34

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.24	0.9448179	0.9097659		-2.2	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.6	0.1952806	0.2106576		10.3	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.69	1.066086	1.103724		3.3	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.40	1.426505	1.412124		-1.1	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	66.2	0.1813056	0.1839509		5.7	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	69.8	0.1534032	0.1676297		11.6	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.1	1.930729E-02	2.533244E-02		36.5	30	*
9CL-PF3ONS	A	9.35	10.4	1.465158	1.556368		10.9	30	
ADONA	A	9.45	10.2	0.5101587	0.5428229		8.3	30	
HFPO-DA (Gen-X)	A	10.0	10.2	2.252066E-02	2.362016E-02		2.0	30	
N-EtFOSA	A	2.50	2.09	1.095011	1.021952		-16.4	30	
N-EtFOSAA	A	2.50	2.77	0.9298609	0.9428812		10.8	30	
N-EtFOSE	A	25.0	22.2	1.955788	1.768743		-11.3	30	
N-MeFOSA	A	2.50	2.87	0.8199202	0.891447		14.6	30	
N-MeFOSAA	A	2.50	2.89	0.8324625	0.9103823		15.6	30	
N-MeFOSE	A	25.0	26.3	0.8714412	0.8672842		5.2	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.35	1.168917	1.188263		-2.2	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.20	0.8623288	0.8065645		-8.7	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.21	3.199815	3.126217		-7.1	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.69	0.1537279	0.1606763		11.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	3.05	1.763448	2.068586		22.2	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.56	1.410116	1.451703		8.7	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.76	1.000566E-02	1.061251E-02		-4.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48988.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV6	Injection Time:	09:42

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.26	0.9448179	0.9121047		-2.0	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.1952806	0.2077261		8.6	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.77	1.066086	1.112444		4.2	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.28	1.426505	1.396163		-2.3	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	58.0	0.1813056	0.1613747		-7.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	71.8	0.1534032	0.1721918		14.6	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	16.6	1.930729E-02	2.583694E-02		32.9	30	*
9CL-PF3ONS	A	9.35	11.2	1.465158	1.674452		19.3	30	
ADONA	A	9.45	10.8	0.5101587	0.5736329		14.4	30	
HFPO-DA (Gen-X)	A	10.0	9.47	2.252066E-02	2.194752E-02		-5.3	30	
N-EtFOSA	A	2.50	2.28	1.095011	1.113358		-8.9	30	
N-EtFOSAA	A	2.50	2.65	0.9298609	0.9025669		6.1	30	
N-EtFOSE	A	25.0	24.5	1.955788	1.956164		-1.9	30	
N-MeFOSA	A	2.50	2.37	0.8199202	0.7386451		-5.0	30	
N-MeFOSAA	A	2.50	2.91	0.8324625	0.9158066		16.3	30	
N-MeFOSE	A	25.0	28.3	0.8714412	0.9338371		13.2	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.48	1.168917	1.223412		0.7	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.40	0.8623288	0.8810484		-0.2	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.00	3.199815	2.830084		-16.0	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.54	0.1537279	0.154511		5.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.45	1.763448	1.661321		-2.0	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.42	1.410116	1.373386		2.9	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.66	1.000566E-02	1.039987E-02		-6.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49004.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV7	Injection Time:	13:54

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.45	0.9448179	0.9308851		0.05	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.1952806	0.2068215		8.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.67	1.066086	1.102013		3.1	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.77	1.426505	1.324568		-7.7	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	77.8	0.1813056	0.2161138		24.3	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	70.0	0.1534032	0.1679889		11.8	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	16.6	1.930729E-02	2.539282E-02		32.9	30	*
9CL-PF3ONS	A	9.35	10.3	1.465158	1.547837		10.3	30	
ADONA	A	9.45	10.4	0.5101587	0.5538306		10.5	30	
HFPO-DA (Gen-X)	A	10.0	10.4	2.252066E-02	2.418239E-02		4.4	30	
N-EtFOSA	A	2.50	2.18	1.095011	1.065684		-12.8	30	
N-EtFOSAA	A	2.50	2.68	0.9298609	0.9104803		7.0	30	
N-EtFOSE	A	25.0	29.0	1.955788	2.308989		15.8	30	
N-MeFOSA	A	2.50	2.59	0.8199202	0.8062939		3.7	30	
N-MeFOSAA	A	2.50	2.64	0.8324625	0.8313379		5.6	30	
N-MeFOSE	A	25.0	28.9	0.8714412	0.9546087		15.8	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.38	1.168917	1.195966		-1.6	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.50	0.8623288	0.9149684		3.6	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.15	3.199815	3.043775		-9.6	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.59	0.1537279	0.157277		8.0	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	1.83	1.763448	1.240706		-26.9	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.45	1.410116	1.388685		4.1	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.74	1.000566E-02	8.354639E-03		-25.3	30	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1335-LCV1
Sequence: S5A1335
Standard ID: S24L331

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
Perfluorobutanesulfonic acid (PFBS)	0.177	0.187	5.5	30.00
Perfluorohexanoic acid (PFHxA)	0.200	0.243	21.7	30.00
Perfluoroheptanoic acid (PFHpA)	0.200	0.219	9.4	30.00
Perfluorohexanesulfonic acid (PFHxS)	0.183	0.221	20.7	30.00
Perfluorooctanoic acid (PFOA)	0.200	0.173	-13.7	30.00
Perfluorooctanesulfonic acid (PFOS)	0.186	0.252	35.6 *	30.00
Perfluorononanoic acid (PFNA)	0.200	0.194	-3.2	30.00
Perfluorodecanoic acid (PFDA)	0.200	0.198	-0.9	30.00
Perfluoroundecanoic acid (PFUnA)	0.200	0.204	2.2	30.00
Perfluorododecanoic acid (PFDoA)	0.200	0.253	26.4	30.00
Perfluorotridecanoic acid (PFTrDA)	0.200	0.233	16.3	30.00
Perfluorotetradecanoic acid (PFTA)	0.200	0.211	5.4	30.00
N-MeFOSAA	0.200	0.206	3.2	30.00
N-EtFOSAA	0.200	0.225	12.7	30.00
Perfluoropentanoic acid (PFPeA)	0.400	0.424	6.0	30.00
Perfluoro-1-octanesulfonamide (FOSA)	0.200	0.171	-14.7	30.00
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.191	0.158	-17.1	30.00
Perfluoro-1-decanesulfonic acid (PFDS)	0.193	0.194	0.6	30.00
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.760	0.645	-15.2	30.00
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.768	0.842	9.7	30.00
Perfluoro-n-butanoic acid (PFBA)	0.800	0.837	4.6	30.00
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.356	0.400	12.4	30.00
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.206	-48.4 *	30.00
Perfluoro-4-oxapentanoic acid (PFMPA)	0.400	0.410	2.6	30.00
Perfluoro-5-oxahexanoic acid (PFMBA)	0.400	0.422	5.5	30.00
Perfluoro-1-pentanesulfonate (PFPeS)	0.188	0.213	13.4	30.00
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.750	0.813	8.4	30.00

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1335-LCV1
Sequence: S5A1335
Standard ID: S24L331

HFPO-DA (Gen-X)	0.800	1.12	40.3 *	30.00
11CL-PF3OUdS	0.756	0.696	-8.0	30.00
9CL-PF3ONS	0.748	0.742	-0.8	30.00
ADONA	0.756	0.823	8.9	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.131	-32.3 *	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.161	-16.0	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	1.00	1.29	28.6	30.00
3-Perfluoropentyl propanoic acid (FPePA)	5.00	6.06	21.2	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	6.26	25.2	30.00
N-MeFOSE	2.00	2.43	21.6	30.00
N-MeFOSA	0.200	0.315	57.4 *	30.00
N-EtFOSE	2.00	2.03	1.7	30.00
N-EtFOSA	0.200	0.249	24.6	30.00
M3PFBS	2.33	2.55	9.4	
M5PFHxA	2.50	2.35	-5.9	
M4PFHpA	2.50	2.30	-8.0	
M3PFHxS	2.37	2.58	8.7	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.81	12.5	
M6PFDA	1.25	1.48	18.1	
M7PFUdA	1.25	1.31	4.5	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	0.937	-25.0	
M2PFTeDA	1.25	0.991	-20.7	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	9.78	-2.2	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.91	21.3	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	4.94	-1.1	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.47	-1.2	
d3-N-MeFOSAA	5.00	5.16	3.2	
d5-N-EtFOSAA	5.00	5.44	8.8	
M2-6:2 FTS	4.76	5.87	23.4	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1460-LCV1
Sequence: S5A1460
Standard ID: S24L331

HFPO-DA (Gen-X)	0.800	0.848	6.1	30.00
11CL-PF3OUdS	0.756	0.721	-4.6	30.00
9CL-PF3ONS	0.748	0.757	1.3	30.00
ADONA	0.756	0.765	1.2	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.179	-7.7	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.194	1.2	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	1.00	1.45	45.2 *	30.00
3-Perfluoropentyl propanoic acid (FPePA)	5.00	5.69	13.8	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	5.79	15.8	30.00
N-MeFOSE	2.00	2.21	10.4	30.00
N-MeFOSA	0.200	0.230	15.2	30.00
N-EtFOSE	2.00	1.90	-5.2	30.00
N-EtFOSA	0.200	0.209	4.6	30.00
M3PFBS	2.33	2.40	2.8	
M5PFHxA	2.50	2.64	5.7	
M4PFHpA	2.50	2.76	10.6	
M3PFHxS	2.37	2.53	6.6	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.98	19.1	
M6PFDA	1.25	1.38	10.5	
M7PFUdA	1.25	1.30	3.7	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.39	11.2	
M2PFTeDA	1.25	1.37	9.4	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	8.93	-10.7	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.76	14.9	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	5.56	11.1	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.61	4.3	
d3-N-MeFOSAA	5.00	4.83	-3.5	
d5-N-EtFOSAA	5.00	5.24	4.9	
M2-6:2 FTS	4.76	4.24	-10.9	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1012
Instrument: GC_5890_I
Calibration: SA50012

Surrogate Compound	Spike Level ng/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1012-CCV1)			Lab File ID: P20526826.d		Analyzed: 01/10/25 09:53			
Decachlorobiphenyl	160	71.5	80 - 120	9.575	9.5674	0.0076	+/-0.10	*
Decachlorobiphenyl [2C]	160	72.5		11.486	11.4852	0.0008	+/-0.10	
Tetrachloro-m-xylene	160	82.9	80 - 120	2.251	2.246833	0.0042	+/-0.10	
Tetrachloro-m-xylene [2C]	160	84.9		2.558	2.556333	0.0017	+/-0.10	
Calibration Check (S5A1012-CCV4)			Lab File ID: P20526832.d		Analyzed: 01/10/25 11:39			
Decachlorobiphenyl	160	76.2	80 - 120	9.579	9.5674	0.0116	+/-0.10	*
Decachlorobiphenyl [2C]	160	73.9		11.488	11.4852	0.0028	+/-0.10	
Tetrachloro-m-xylene	160	80.3	80 - 120	2.254	2.246833	0.0072	+/-0.10	
Tetrachloro-m-xylene [2C]	160	82.1		2.56	2.556333	0.0037	+/-0.10	
Calibration Check (S5A1012-CCV5)			Lab File ID: P20526845.d		Analyzed: 01/10/25 19:55			
Decachlorobiphenyl	160	75.0	80 - 120	9.566	9.5674	-0.0014	+/-0.10	*
Decachlorobiphenyl [2C]	160	70.7		11.484	11.4852	-0.0012	+/-0.10	
Tetrachloro-m-xylene	160	84.1	80 - 120	2.248	2.246833	0.0012	+/-0.10	
Tetrachloro-m-xylene [2C]	160	80.2		2.558	2.556333	0.0017	+/-0.10	
Calibration Check (S5A1012-CCV6)			Lab File ID: P20526857.d		Analyzed: 01/10/25 23:00			
Decachlorobiphenyl	160	75.4	80 - 120	9.567	9.5674	-0.0004	+/-0.10	*
Decachlorobiphenyl [2C]	160	73.0		11.485	11.4852	-0.0002	+/-0.10	
Tetrachloro-m-xylene	160	84.4	80 - 120	2.248	2.246833	0.0012	+/-0.10	
Tetrachloro-m-xylene [2C]	160	80.3		2.558	2.556333	0.0017	+/-0.10	
Blank (BA50563-BLK1)			Lab File ID: P20526867.d		Analyzed: 01/11/25 01:35			
Decachlorobiphenyl	0.200	45.2	30 - 150	9.565	9.5674	-0.0024	+/-0.10	
Decachlorobiphenyl [2C]	0.200	43.4	30 - 150	11.485	11.4852	-0.0002	+/-0.10	
Tetrachloro-m-xylene	0.200	35.6	30 - 150	2.252	2.246833	0.0052	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	32.4	30 - 150	2.566	2.556333	0.0097	+/-0.10	
LCS (BA50563-BS1)			Lab File ID: P20526868.d		Analyzed: 01/11/25 01:50			
Decachlorobiphenyl	0.200	42.5	30 - 150	9.566	9.5674	-0.0014	+/-0.10	
Decachlorobiphenyl [2C]	0.200	41.3	30 - 150	11.485	11.4852	-0.0002	+/-0.10	
Tetrachloro-m-xylene	0.200	32.3	30 - 150	2.251	2.246833	0.0042	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	28.4	30 - 150	2.564	2.556333	0.0077	+/-0.10	*
LCS Dup (BA50563-BSD1)			Lab File ID: P20526869.d		Analyzed: 01/11/25 02:06			
Decachlorobiphenyl	0.200	49.8	30 - 150	9.566	9.5674	-0.0014	+/-0.10	
Decachlorobiphenyl [2C]	0.200	48.4	30 - 150	11.484	11.4852	-0.0012	+/-0.10	
Tetrachloro-m-xylene	0.200	34.6	30 - 150	2.251	2.246833	0.0042	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	31.4	30 - 150	2.561	2.556333	0.0047	+/-0.10	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1413
Instrument: GC_5890_I
Calibration: SA50019

Surrogate Compound	Spike Level ng/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1413-CCV1)			Lab File ID: P20526965.d		Analyzed: 01/13/25 13:00			
Decachlorobiphenyl	160	78.4	80 - 120	9.565	9.565	0.0000	+/-0.10	*
Decachlorobiphenyl [2C]	160	76.5	80 - 120	11.482	11.483	-0.0010	+/-0.10	*
Tetrachloro-m-xylene	160	80.5	80 - 120	2.246	2.246	0.0000	+/-0.10	
Tetrachloro-m-xylene [2C]	160	78.8	80 - 120	2.555	2.554833	0.0002	+/-0.10	*
Blank (BA50640-BLK1)			Lab File ID: P20526969.d		Analyzed: 01/13/25 14:02			
Decachlorobiphenyl	0.0664	75.7	30 - 150	9.564	9.565	-0.0010	+/-0.10	
Decachlorobiphenyl [2C]	0.0664	76.5	30 - 150	11.482	11.483	-0.0010	+/-0.10	
Tetrachloro-m-xylene	0.0664	81.4	30 - 150	2.235	2.246	-0.0110	+/-0.10	
Tetrachloro-m-xylene [2C]	0.0664	81.7	30 - 150	2.549	2.554833	-0.0058	+/-0.10	
Matrix Spike (BA50640-MS1)			Lab File ID: P20526970.d		Analyzed: 01/13/25 14:17			
Decachlorobiphenyl	0.0690	59.9	30 - 150	9.562	9.565	-0.0030	+/-0.10	
Decachlorobiphenyl [2C]	0.0690	60.6	30 - 150	11.482	11.483	-0.0010	+/-0.10	
Tetrachloro-m-xylene	0.0690	57.4	30 - 150	2.247	2.246	0.0010	+/-0.10	
Tetrachloro-m-xylene [2C]	0.0690	56.8	30 - 150	2.555	2.554833	0.0002	+/-0.10	
Matrix Spike Dup (BA50640-MSD1)			Lab File ID: P20526971.d		Analyzed: 01/13/25 14:33			
Decachlorobiphenyl	0.0690	87.3	30 - 150	9.561	9.565	-0.0040	+/-0.10	
Decachlorobiphenyl [2C]	0.0690	87.7	30 - 150	11.481	11.483	-0.0020	+/-0.10	
Tetrachloro-m-xylene	0.0690	83.5	30 - 150	2.248	2.246	0.0020	+/-0.10	
Tetrachloro-m-xylene [2C]	0.0690	83.2	30 - 150	2.555	2.554833	0.0002	+/-0.10	
SB001 (O-2 IN) (25A0380-01)			Lab File ID: P20526973.d		Analyzed: 01/13/25 15:04			
Decachlorobiphenyl	0.0803	79.6	30 - 150	9.564	9.565	-0.0010	+/-0.10	
Decachlorobiphenyl [2C]	0.0803	80.3	30 - 150	11.481	11.483	-0.0020	+/-0.10	
Tetrachloro-m-xylene	0.0803	76.4	30 - 150	2.247	2.246	0.0010	+/-0.10	
Tetrachloro-m-xylene [2C]	0.0803	77.3	30 - 150	2.555	2.554833	0.0002	+/-0.10	
SB001(2 IN-24IN) (25A0380-02)			Lab File ID: P20526974.d		Analyzed: 01/13/25 15:19			
Decachlorobiphenyl	0.0683	80.8	30 - 150	9.562	9.565	-0.0030	+/-0.10	
Decachlorobiphenyl [2C]	0.0683	81.4	30 - 150	11.482	11.483	-0.0010	+/-0.10	
Tetrachloro-m-xylene	0.0683	76.5	30 - 150	2.235	2.246	-0.0110	+/-0.10	
Tetrachloro-m-xylene [2C]	0.0683	78.3	30 - 150	2.554	2.554833	-0.0008	+/-0.10	
Equipment Blank 1/7/25 (25A0380-18)			Lab File ID: P20526976.d		Analyzed: 01/13/25 15:50			
Decachlorobiphenyl	0.200	34.7	30 - 150	9.56	9.565	-0.0050	+/-0.10	
Decachlorobiphenyl [2C]	0.200	33.9	30 - 150	11.48	11.483	-0.0030	+/-0.10	
Tetrachloro-m-xylene	0.200	13.1	30 - 150	2.245	2.246	-0.0010	+/-0.10	*
Tetrachloro-m-xylene [2C]	0.200	12.2	30 - 150	2.558	2.554833	0.0032	+/-0.10	*

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

SB001(2 IN-24IN)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50640
Laboratory ID: BA50640-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 10 mL
Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDD	0.0345	0.0300	86.9	30.0	30	30 - 150
4,4'-DDD [2C]	0.0345	0.0312	90.4	30.4 *	30	30 - 150
4,4'-DDE	0.0345	0.0335	91.5	30.8 *	30	30 - 150
4,4'-DDE [2C]	0.0345	0.0344	94.1	30.4 *	30	30 - 150
4,4'-DDT	0.0345	0.0323	93.8	28.4	30	30 - 150
4,4'-DDT [2C]	0.0345	0.0309	89.6	26.2	30	30 - 150
Aldrin	0.0345	0.0313	90.8	31.1 *	30	30 - 150
Aldrin [2C]	0.0345	0.0317	92.0	30.9 *	30	30 - 150
alpha-BHC	0.0345	0.0324	94.0	32.0 *	30	30 - 150
alpha-BHC [2C]	0.0345	0.0328	95.2	31.6 *	30	30 - 150
alpha-Chlordane	0.0345	0.0319	92.4	29.9	30	30 - 150
alpha-Chlordane [2C]	0.0345	0.0322	93.3	30.1 *	30	30 - 150
beta-BHC	0.0345	0.0334	96.9	28.8	30	30 - 150
beta-BHC [2C]	0.0345	0.0342	99.1	28.9	30	30 - 150
delta-BHC	0.0345	0.0255	74.0	32.3 *	30	30 - 150
delta-BHC [2C]	0.0345	0.0263	76.3	32.5 *	30	30 - 150
Dieldrin	0.0345	0.0320	92.9	30.1 *	30	30 - 150
Dieldrin [2C]	0.0345	0.0333	96.5	30.8 *	30	30 - 150
Endosulfan I	0.0345	0.0322	93.4	31.3 *	30	30 - 150
Endosulfan I [2C]	0.0345	0.0332	96.2	30.3 *	30	30 - 150
Endosulfan II	0.0345	0.0327	94.9	29.1	30	30 - 150
Endosulfan II [2C]	0.0345	0.0349	101	29.2	30	30 - 150
Endosulfan sulfate	0.0345	0.0297	86.2	28.6	30	30 - 150
Endosulfan sulfate [2C]	0.0345	0.0309	89.6	29.6	30	30 - 150
Endrin	0.0345	0.0331	96.1	30.4 *	30	30 - 150
Endrin [2C]	0.0345	0.0344	99.8	29.8	30	30 - 150
Endrin aldehyde	0.0345	0.0323	93.6	28.3	30	30 - 150
Endrin aldehyde [2C]	0.0345	0.0330	95.7	28.3	30	30 - 150
Endrin ketone	0.0345	0.0317	92.0	28.6	30	30 - 150
Endrin ketone [2C]	0.0345	0.0324	94.0	28.1	30	30 - 150
gamma-BHC (Lindane)	0.0345	0.0328	95.0	31.8 *	30	30 - 150
gamma-BHC (Lindane) [2C]	0.0345	0.0333	96.6	31.5 *	30	30 - 150
gamma-Chlordane	0.0345	0.0318	92.3	30.6 *	30	30 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

SB001(2 IN-24IN)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50640	Laboratory ID:	BA50640-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #		QC LIMITS RPD	QC LIMITS REC.
gamma-Chlordane [2C]	0.0345	0.0326	94.5	30.2	*	30	30 - 150
Heptachlor	0.0345	0.0327	94.8	30.7	*	30	30 - 150
Heptachlor [2C]	0.0345	0.0334	96.9	30.5	*	30	30 - 150
Heptachlor epoxide	0.0345	0.0326	94.5	30.2	*	30	30 - 150
Heptachlor epoxide [2C]	0.0345	0.0331	96.0	29.8		30	30 - 150
Methoxychlor	0.0345	0.0359	104	25.8		30	30 - 150
Methoxychlor [2C]	0.0345	0.0355	103	26.3		30	30 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526824.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1012	Injection Date:	01/10/25
Lab Sample ID:	S5A1012-CCV2	Injection Time:	08:43

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1330	1063877	1542800		33.1	20 *
Chlordane, total [2C]	A	1000	965	1199643	1054300		-3.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526825.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1012	Injection Date:	01/10/25
Lab Sample ID:	S5A1012-CCV3	Injection Time:	09:32

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	3190	6963800	8895500		59.6	20 *
Toxaphene [2C]	A	2000	2180	9434627	8729050		9.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526879.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/12/25
Lab Sample ID:	S5A1310-CCV1	Injection Time:	13:22

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	A	50.0	54.6	1.03344E+07	1.0308E+07		9.1	20
4,4'-DDD [2C]	A	50.0	57.4	1.089275E+07	1.06E+07		14.8	
4,4'-DDE	A	50.0	53.3	1.290232E+07	1.3256E+07		6.6	20
4,4'-DDE [2C]	A	50.0	55.1	1.512896E+07	1.5136E+07		10.2	
4,4'-DDT	A	50.0	56.7	8662025	9356000		13.4	20
4,4'-DDT [2C]	A	50.0	63.1	8709986	1.007E+07		26.2	
Aldrin	A	50.0	51.6	1.636663E+07	1.6386E+07		3.2	20
Aldrin [2C]	A	50.0	55.1	1.771446E+07	1.8314E+07		10.2	
alpha-BHC	A	50.0	52.1	1.787978E+07	1.8444E+07		4.2	20
alpha-BHC [2C]	A	50.0	55.3	1.99981E+07	2.1172E+07		10.7	
alpha-Chlordane	A	50.0	52.7	1.466469E+07	1.3976E+07		5.4	20
alpha-Chlordane [2C]	A	50.0	56.0	1.567142E+07	1.5454E+07		11.9	
beta-BHC	A	50.0	53.8	9406139	6154000		7.5	20
beta-BHC [2C]	A	50.0	56.8	1.090889E+07	7172000		13.5	
delta-BHC	A	50.0	52.7	1.849151E+07	1.4172E+07		5.5	20
delta-BHC [2C]	A	50.0	55.9	2.063621E+07	1.5974E+07		11.9	
Dieldrin	A	50.0	53.3	1.460214E+07	1.4718E+07		6.6	20
Dieldrin [2C]	A	50.0	55.4	1.514141E+07	1.5156E+07		10.7	20
Endosulfan I	A	50.0	52.3	1.328723E+07	1.2782E+07		4.7	20
Endosulfan I [2C]	A	50.0	55.9	1.378042E+07	1.3596E+07		11.7	
Endosulfan II	A	50.0	52.8	1.26303E+07	1.0916E+07		5.6	20
Endosulfan II [2C]	A	50.0	55.3	1.429142E+07	1.189E+07		10.5	
Endosulfan sulfate	A	50.0	54.2	1.261707E+07	9920000		8.4	20
Endosulfan sulfate [2C]	A	50.0	57.3	1.337086E+07	1.0538E+07		14.7	
Endrin	A	50.0	58.9	1.199603E+07	1.3018E+07		17.9	20
Endrin [2C]	A	50.0	62.2	1.218166E+07	1.3036E+07		24.3	
Endrin aldehyde	A	50.0	52.4	9670487	7586000		4.7	20
Endrin aldehyde [2C]	A	50.0	54.6	1.075159E+07	8298000		9.2	
Endrin ketone	A	50.0	52.1	1.43636E+07	1.2132E+07		4.2	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526876.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/12/25
Lab Sample ID:	S5A1310-CCV2	Injection Time:	11:18

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1290	1063877	1510067		28.8	20 *
Chlordane, total [2C]	A	1000	967	1199643	1050867		-3.3	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526877.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/12/25
Lab Sample ID:	S5A1310-CCV3	Injection Time:	11:33

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	3130	6963800	8712000		56.4	20 *
Toxaphene [2C]	A	2000	2170	9434627	8676600		8.5	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526891.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/12/25
Lab Sample ID:	S5A1310-CCV4	Injection Time:	16:37

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	55.0	1.468255E+07	1.2236E+07		10.0		
gamma-BHC (Lindane)	A	50.0	53.5	1.626459E+07	1.6662E+07		7.0	20	
gamma-BHC (Lindane) [2C]	A	50.0	56.1	1.735719E+07	1.8028E+07		12.2		
gamma-Chlordane	A	50.0	52.6	1.483301E+07	1.4374E+07		5.1	20	
gamma-Chlordane [2C]	A	50.0	54.3	1.599696E+07	1.5226E+07		8.6		
Heptachlor	A	50.0	55.6	1.441064E+07	1.5224E+07		11.2	20	
Heptachlor [2C]	A	50.0	57.0	1.516294E+07	1.5468E+07		14.0		
Heptachlor epoxide	A	50.0	53.1	1.401071E+07	1.3736E+07		6.2	20	
Heptachlor epoxide [2C]	A	50.0	54.7	1.465051E+07	1.4072E+07		9.5		
Methoxychlor	A	50.0	63.1	4132444	4536000		26.1	20	*
Methoxychlor [2C]	A	50.0	65.2	4471955	4912000		30.4		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526903.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/12/25
Lab Sample ID:	S5A1310-CCV5	Injection Time:	19:42

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	57.2	1.468255E+07	1.2742E+07		14.3		
gamma-BHC (Lindane)	A	50.0	52.7	1.626459E+07	1.6384E+07		5.3	20	
gamma-BHC (Lindane) [2C]	A	50.0	55.8	1.735719E+07	1.7928E+07		11.7		
gamma-Chlordane	A	50.0	51.2	1.483301E+07	1.397E+07		2.4	20	
gamma-Chlordane [2C]	A	50.0	53.5	1.599696E+07	1.497E+07		6.9		
Heptachlor	A	50.0	55.0	1.441064E+07	1.5044E+07		10.0	20	
Heptachlor [2C]	A	50.0	56.3	1.516294E+07	1.5276E+07		12.7		
Heptachlor epoxide	A	50.0	51.8	1.401071E+07	1.3384E+07		3.6	20	
Heptachlor epoxide [2C]	A	50.0	54.0	1.465051E+07	1.3864E+07		8.0		
Methoxychlor	A	50.0	64.4	4132444	4652000		28.9	20	*
Methoxychlor [2C]	A	50.0	66.0	4471955	4982000		32.1		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526916.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/12/25
Lab Sample ID:	S5A1310-CCV6	Injection Time:	23:04

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	A	50.0	59.0	1.468255E+07	1.3184E+07		18.0	
gamma-BHC (Lindane)	A	50.0	52.9	1.626459E+07	1.6454E+07		5.7	20
gamma-BHC (Lindane) [2C]	A	50.0	55.8	1.735719E+07	1.7908E+07		11.6	
gamma-Chlordane	A	50.0	52.2	1.483301E+07	1.4282E+07		4.5	20
gamma-Chlordane [2C]	A	50.0	54.7	1.599696E+07	1.533E+07		9.3	
Heptachlor	A	50.0	55.2	1.441064E+07	1.5108E+07		10.4	20
Heptachlor [2C]	A	50.0	56.3	1.516294E+07	1.5266E+07		12.6	
Heptachlor epoxide	A	50.0	52.5	1.401071E+07	1.3582E+07		5.1	20
Heptachlor epoxide [2C]	A	50.0	55.0	1.465051E+07	1.413E+07		9.9	
Methoxychlor	A	50.0	63.6	4132444	4584000		27.3	20 *
Methoxychlor [2C]	A	50.0	66.0	4471955	4978000		32.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526928.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/13/25
Lab Sample ID:	S5A1310-CCV7	Injection Time:	02:10

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	A	50.0	59.8	1.03344E+07	1.1404E+07		19.5	20
4,4'-DDD [2C]	A	50.0	63.2	1.089275E+07	1.1778E+07		26.4	
4,4'-DDE	A	50.0	55.1	1.290232E+07	1.3728E+07		10.1	20
4,4'-DDE [2C]	A	50.0	53.4	1.512896E+07	1.4626E+07		6.7	
4,4'-DDT	A	50.0	57.7	8662025	9536000		15.3	20
4,4'-DDT [2C]	A	50.0	62.0	8709986	9872000		24.0	
Aldrin	A	50.0	53.2	1.636663E+07	1.6924E+07		6.4	20
Aldrin [2C]	A	50.0	55.2	1.771446E+07	1.8356E+07		10.5	
alpha-BHC	A	50.0	53.9	1.787978E+07	1.9158E+07		7.9	20
alpha-BHC [2C]	A	50.0	55.8	1.99981E+07	2.1344E+07		11.5	
alpha-Chlordane	A	50.0	54.3	1.466469E+07	1.4436E+07		8.6	20
alpha-Chlordane [2C]	A	50.0	56.2	1.567142E+07	1.5524E+07		12.4	
beta-BHC	A	50.0	54.6	9406139	6254000		9.2	20
beta-BHC [2C]	A	50.0	56.3	1.090889E+07	7106000		12.6	
delta-BHC	A	50.0	53.5	1.849151E+07	1.4388E+07		6.9	20
delta-BHC [2C]	A	50.0	55.0	2.063621E+07	1.5666E+07		9.9	
Dieldrin	A	50.0	55.0	1.460214E+07	1.5244E+07		10.1	20
Dieldrin [2C]	A	50.0	58.2	1.514141E+07	1.5996E+07		16.4	20
Endosulfan I	A	50.0	54.3	1.328723E+07	1.3292E+07		8.6	20
Endosulfan I [2C]	A	50.0	56.9	1.378042E+07	1.3852E+07		13.7	
Endosulfan II	A	50.0	54.9	1.26303E+07	1.139E+07		9.9	20
Endosulfan II [2C]	A	50.0	57.3	1.429142E+07	1.235E+07		14.6	
Endosulfan sulfate	A	50.0	56.3	1.261707E+07	1.0342E+07		12.6	20
Endosulfan sulfate [2C]	A	50.0	59.6	1.337086E+07	1.1002E+07		19.3	
Endrin	A	50.0	58.1	1.199603E+07	1.2828E+07		16.3	20
Endrin [2C]	A	50.0	61.2	1.218166E+07	1.2806E+07		22.3	
Endrin aldehyde	A	50.0	56.3	9670487	8192000		12.5	20
Endrin aldehyde [2C]	A	50.0	59.0	1.075159E+07	9012000		18.0	
Endrin ketone	A	50.0	57.5	1.43636E+07	1.348E+07		14.9	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526928.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1310	Injection Date:	01/13/25
Lab Sample ID:	S5A1310-CCV7	Injection Time:	02:10

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	A	50.0	61.5	1.468255E+07	1.3788E+07		23.0	
gamma-BHC (Lindane)	A	50.0	54.4	1.626459E+07	1.6968E+07		8.8	20
gamma-BHC (Lindane) [2C]	A	50.0	57.4	1.735719E+07	1.8482E+07		14.8	
gamma-Chlordane	A	50.0	54.1	1.483301E+07	1.4834E+07		8.2	20
gamma-Chlordane [2C]	A	50.0	56.5	1.599696E+07	1.589E+07		13.0	
Heptachlor	A	50.0	57.2	1.441064E+07	1.5692E+07		14.3	20
Heptachlor [2C]	A	50.0	58.1	1.516294E+07	1.5784E+07		16.2	
Heptachlor epoxide	A	50.0	54.3	1.401071E+07	1.4066E+07		8.6	20
Heptachlor epoxide [2C]	A	50.0	56.2	1.465051E+07	1.446E+07		12.3	
Methoxychlor	A	50.0	65.4	4132444	4730000		30.7	20 *
Methoxychlor [2C]	A	50.0	68.2	4471955	5162000		36.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035203.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1313	Injection Date:	01/11/25
Lab Sample ID:	S5A1313-CCV6	Injection Time:	00:52

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	A	50.0	57.5	3.375626E+07	3.374E+07		14.9	20
4,4'-DDD [2C]	A	50.0	56.7	9.168367E+07	8.9062E+07		13.5	20
4,4'-DDE	A	50.0	52.3	4.270545E+07	3.8336E+07		4.6	20
4,4'-DDE [2C]	A	50.0	51.4	1.240473E+08	1.09362E+08		2.8	20
4,4'-DDT	A	50.0	66.0	2.481876E+07	3.0396E+07		32.1	20 *
4,4'-DDT [2C]	A	50.0	64.5	7.892136E+07	8.469E+07		28.9	20 *
Aldrin	A	50.0	50.0	5.088209E+07	4.327E+07		-0.004	20
Aldrin [2C]	A	50.0	49.8	1.422151E+08	1.20844E+08		-0.4	20
alpha-BHC	A	50.0	51.6	5.346143E+07	4.7566E+07		3.3	20
alpha-BHC [2C]	A	50.0	48.0	1.656815E+08	1.51792E+08		-4.0	20
alpha-Chlordane	A	50.0	51.7	4.627597E+07	3.8908E+07		3.3	20
alpha-Chlordane [2C]	A	50.0	51.0	1.275922E+08	1.1067E+08		2.0	20
beta-BHC	A	50.0	52.5	2.720846E+07	1.6786E+07		5.0	20
beta-BHC [2C]	A	50.0	50.2	8.551714E+07	4.8066E+07		0.4	20
delta-BHC	A	50.0	53.5	4.701476E+07	3.504E+07		7.1	20
delta-BHC [2C]	A	50.0	52.7	1.426671E+08	1.13246E+08		5.3	20
Dieldrin	A	50.0	52.9	4.536172E+07	4.0502E+07		5.8	20
Dieldrin [2C]	A	50.0	52.6	1.261931E+08	1.13266E+08		5.3	20
Endosulfan I	A	50.0	52.0	4.123022E+07	3.5338E+07		4.1	20
Endosulfan I [2C]	A	50.0	52.0	1.125336E+08	9.668E+07		4.0	20
Endosulfan II	A	50.0	53.7	3.794057E+07	3.1106E+07		7.5	20
Endosulfan II [2C]	A	50.0	52.3	1.0957E+08	8.8378E+07		4.7	20
Endosulfan sulfate	A	50.0	56.8	3.557399E+07	2.9656E+07		13.6	20
Endosulfan sulfate [2C]	A	50.0	56.1	1.056376E+08	8.5604E+07		12.2	20
Endrin	A	50.0	58.6	3.446539E+07	3.4054E+07		17.3	20
Endrin [2C]	A	50.0	56.3	8.899279E+07	8.6696E+07		12.6	20
Endrin aldehyde	A	50.0	57.5	3.209198E+07	2.2052E+07		15.0	20
Endrin aldehyde [2C]	A	50.0	56.2	9.590192E+07	6.2812E+07		12.4	20
Endrin ketone	A	50.0	58.0	3.801026E+07	3.5676E+07		16.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035203.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1313	Injection Date:	01/11/25
Lab Sample ID:	S5A1313-CCV6	Injection Time:	00:52

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	57.4	1.064334E+08	1.01068E+08		14.7	20	
gamma-BHC (Lindane)	A	50.0	53.8	4.551429E+07	4.1578E+07		7.7	20	
gamma-BHC (Lindane) [2C]	A	50.0	52.2	1.393894E+08	1.32452E+08		4.5	20	
gamma-Chlordane	A	50.0	52.3	4.612704E+07	4.0078E+07		4.6	20	
gamma-Chlordane [2C]	A	50.0	50.8	1.349656E+08	1.14654E+08		1.6	20	
Heptachlor	A	50.0	59.1	4.124697E+07	4.0852E+07		18.2	20	
Heptachlor [2C]	A	50.0	57.8	1.098394E+08	1.07354E+08		15.6	20	
Heptachlor epoxide	A	50.0	51.8	4.359415E+07	3.691E+07		3.7	20	
Heptachlor epoxide [2C]	A	50.0	49.8	1.128717E+08	9.4792E+07		-0.3	20	
Methoxychlor	A	50.0	69.4	1.317987E+07	1.5908E+07		38.7	20	*
Methoxychlor [2C]	A	50.0	67.9	3.71926E+07	4.0914E+07		35.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20526967.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1413	Injection Date:	01/13/25
Lab Sample ID:	S5A1413-CCV2	Injection Time:	13:31

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1390	1063877	1601400		39.2	20 *
Chlordane, total [2C]	A	1000	1020	1199643	1108133		1.8	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20526968.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1413	Injection Date:	01/13/25
Lab Sample ID:	S5A1413-CCV3	Injection Time:	13:47

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	3310	6963800	9242450		65.6	20 *
Toxaphene [2C]	A	2000	2310	9434627	9263400		15.6	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1328
Instrument: ECD#1
Calibration: SA50010

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1328-CCV1)			Lab File ID: P1160951.D		Analyzed: 01/10/25 11:09			
Tetrachloro-m-xylene	0.160	142		2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	148		1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	152		8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	156		7.26	7.26	0.0000	+/-0.20	
Calibration Check (S5A1328-CCV2)			Lab File ID: P1160961.D		Analyzed: 01/10/25 13:27			
Tetrachloro-m-xylene	0.160	141		2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	145		1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	144		8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	134		7.26	7.26	0.0000	+/-0.20	
Calibration Check (S5A1328-CCV3)			Lab File ID: P1160983.D		Analyzed: 01/10/25 22:14			
Tetrachloro-m-xylene	0.160	142		2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	145		1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	165		8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	166		7.26	7.26	0.0000	+/-0.20	
Blank (BA50563-BLK2)			Lab File ID: P1160987.D		Analyzed: 01/10/25 23:09			
Tetrachloro-m-xylene	0.200	32.0	30 - 150	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	24.5	30 - 120	1.91	1.91	0.0000	+/-0.20	*
Decachlorobiphenyl	0.200	35.0	30 - 150	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.200	32.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
LCS (BA50563-BS2)			Lab File ID: P1160989.D		Analyzed: 01/10/25 23:37			
Tetrachloro-m-xylene	0.200	37.0	30 - 150	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	27.5	30 - 120	1.91	1.91	0.0000	+/-0.20	*
Decachlorobiphenyl	0.200	39.5	30 - 150	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.200	30.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
Field Blank 1/7/25 (25A0380-17)			Lab File ID: P1160990.D		Analyzed: 01/10/25 23:51			
Tetrachloro-m-xylene	0.200	38.0	30 - 150	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	34.0	30 - 120	1.9	1.91	-0.0100	+/-0.20	
Decachlorobiphenyl	0.200	41.5	30 - 150	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.200	37.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
Calibration Check (S5A1328-CCV4)			Lab File ID: P1161005.D		Analyzed: 01/11/25 03:18			
Tetrachloro-m-xylene	0.160	141		2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	141		1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	164		8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	161		7.26	7.26	0.0000	+/-0.20	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1333
Instrument: ECD#1
Calibration: SA50010

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB002 (2 IN -24 IN) (25A0380-05)			Lab File ID: P1161040.D		Analyzed: 01/12/25 14:52			
Tetrachloro-m-xylene	0.0692	80.5	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0692	78.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0692	54.5	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0692	56.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB002 (6 - 8 FT) (25A0380-06)			Lab File ID: P1161041.D		Analyzed: 01/12/25 15:06			
Tetrachloro-m-xylene	0.0732	66.0	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0732	64.0	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0732	27.5	30 - 120	8.38	8.38	0.0000	+/-0.20	*
Decachlorobiphenyl [2C]	0.0732	49.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB003 (0- 2IN) (25A0380-07)			Lab File ID: P1161042.D		Analyzed: 01/12/25 15:20			
Tetrachloro-m-xylene	0.0726	70.0	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0726	66.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0726	50.5	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0726	46.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB003 (2 IN- 24IN) (25A0380-08)			Lab File ID: P1161043.D		Analyzed: 01/12/25 15:34			
Tetrachloro-m-xylene	0.0734	61.5	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0734	57.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0734	41.5	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0734	35.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB003 (6 - 8FT) (25A0380-09)			Lab File ID: P1161044.D		Analyzed: 01/12/25 15:48			
Tetrachloro-m-xylene	0.0669	82.0	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0669	76.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0669	50.5	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0669	44.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB00X (25A0380-10)			Lab File ID: P1161045.D		Analyzed: 01/12/25 16:01			
Tetrachloro-m-xylene	0.0731	72.5	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0731	68.0	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0731	50.0	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0731	43.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB004 (0- 2IN) (25A0380-11)			Lab File ID: P1161046.D		Analyzed: 01/12/25 16:15			
Tetrachloro-m-xylene	0.0739	70.0	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0739	66.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0739	45.0	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0739	40.0	30 - 120	7.26	7.26	0.0000	+/-0.20	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1424
Instrument: ECD#1
Calibration: SA50010

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1424-CCV1)			Lab File ID: P1161063.D		Analyzed: 01/13/25 11:04			
Tetrachloro-m-xylene	0.160	146	0 - 200	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	146	0 - 200	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	160	0 - 200	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	152	0 - 200	7.26	7.26	0.0000	+/-0.20	
Blank (BA50640-BLK2)			Lab File ID: P1161065.D		Analyzed: 01/13/25 11:44			
Tetrachloro-m-xylene	0.0664	96.0	30 - 120	2.41	2.4	0.0100	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0664	95.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0664	61.5	30 - 120	8.39	8.38	0.0100	+/-0.20	
Decachlorobiphenyl [2C]	0.0664	59.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
LCS (BA50640-BS2)			Lab File ID: P1161066.D		Analyzed: 01/13/25 11:58			
Tetrachloro-m-xylene	0.0664	69.5	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0664	69.0	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0664	52.0	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0664	50.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB001 (O-2 IN) (25A0380-01)			Lab File ID: P1161069.D		Analyzed: 01/13/25 12:39			
Tetrachloro-m-xylene	0.0803	100	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0803	97.0	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0803	64.0	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0803	70.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
SB001(2 IN-24IN) (25A0380-02)			Lab File ID: P1161070.D		Analyzed: 01/13/25 12:53			
Tetrachloro-m-xylene	0.0683	110	30 - 120	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.0683	97.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.0683	69.5	30 - 120	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.0683	63.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
Equipment Blank 1/7/25 (25A0380-18)			Lab File ID: P1161080.D		Analyzed: 01/13/25 15:11			
Tetrachloro-m-xylene	0.200	34.5	30 - 150	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	28.0	30 - 120	1.91	1.91	0.0000	+/-0.20	*
Decachlorobiphenyl	0.200	33.0	30 - 150	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.200	30.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
Calibration Check (S5A1424-CCV2)			Lab File ID: P1161083.D		Analyzed: 01/13/25 15:52			
Tetrachloro-m-xylene	0.160	148	0 - 200	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	138	0 - 200	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	168	0 - 200	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	148	0 - 200	7.26	7.26	0.0000	+/-0.20	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082A

SB003 (6 - 8FT)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50627	Laboratory ID:	BA50627-MSD2
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: SB003 (6 - 8FT)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor 1016	0.339	0.239	70.5	18.5	50	40 - 140
Aroclor 1016 [2C]	0.339	0.247	72.9	17.1	50	40 - 140
Aroclor 1260	0.339	0.235	69.2	18.1	50	40 - 140
Aroclor 1260 [2C]	0.339	0.248	73.0	16.9	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8082A

SB001(2 IN-24IN)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50640	Laboratory ID:	BA50640-MSD2
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL

Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor 1016	0.345	0.135	39.2 *	54.6 *	50	40 - 140
Aroclor 1016 [2C]	0.345	0.138	39.9 *	53.8 *	50	40 - 140
Aroclor 1260	0.345	0.178	51.5	43.8	50	40 - 140
Aroclor 1260 [2C]	0.345	0.182	52.7	43.3	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8082A

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50563	Laboratory ID:	BA50563-BS2
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Aroclor 1016	1.00	0.514	51.4	40 - 120
Aroclor 1016 [2C]	1.00	0.444	44.4	40 - 120
Aroclor 1260	1.00	0.601	60.1	40 - 120
Aroclor 1260 [2C]	1.00	0.560	56.0	40 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8151A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1201
Instrument: GCECD4
Calibration: SK40037

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1201-CCV1)			Lab File ID: PS473595.d		Analyzed: 01/11/25 15:36			
2,4-Dichlorophenylacetic acid (DCAA)	0.400	103	0 - 200	2.013	2.014143	-0.0011	+/-1.00	
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.400	92.5	0 - 200	2.207	2.207429	-0.0004	+/-1.00	
Blank (BA50466-BLK1)			Lab File ID: PS473597.d		Analyzed: 01/11/25 16:07			
2,4-Dichlorophenylacetic acid (DCAA)	0.415	108	21 - 150	2.006	2.014143	-0.0081	+/-1.00	
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.415	103	21 - 150	2.206	2.207429	-0.0014	+/-1.00	
LCS (BA50466-BS1)			Lab File ID: PS473598.d		Analyzed: 01/11/25 16:15			
2,4-Dichlorophenylacetic acid (DCAA)	0.415	101	21 - 150	2.013	2.014143	-0.0011	+/-1.00	
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.415	99.6	21 - 150	2.207	2.207429	-0.0004	+/-1.00	
SB003 (6 - 8FT) (25A0380-09)			Lab File ID: PS473608.d		Analyzed: 01/11/25 17:27			
2,4-Dichlorophenylacetic acid (DCAA)	0.418	90.8	21 - 150	2.014	2.014143	-0.0001	+/-1.00	
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.418	90.6	21 - 150	2.208	2.207429	0.0006	+/-1.00	
SB00X (25A0380-10)			Lab File ID: PS473609.d		Analyzed: 01/11/25 17:34			
2,4-Dichlorophenylacetic acid (DCAA)	0.457	17.8	21 - 150	2.014	2.014143	-0.0001	+/-1.00	*
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.457	18.4	21 - 150	2.208	2.207429	0.0006	+/-1.00	*
SB004 (0- 2IN) (25A0380-11)			Lab File ID: PS473610.d		Analyzed: 01/11/25 17:41			
2,4-Dichlorophenylacetic acid (DCAA)	0.462	60.2	21 - 150	2.014	2.014143	-0.0001	+/-1.00	
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.462	58.0	21 - 150	2.208	2.207429	0.0006	+/-1.00	
SB004 (2 IN-24 IN) (25A0380-12)			Lab File ID: PS473611.d		Analyzed: 01/11/25 17:48			
2,4-Dichlorophenylacetic acid (DCAA)	0.425	71.0	21 - 150	2.013	2.014143	-0.0011	+/-1.00	
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.425	73.2	21 - 150	2.207	2.207429	-0.0004	+/-1.00	
SB004 (6- 8 FT) (25A0380-13)			Lab File ID: PS473612.d		Analyzed: 01/11/25 17:55			
2,4-Dichlorophenylacetic acid (DCAA)	0.415	76.4	21 - 150	2.013	2.014143	-0.0011	+/-1.00	
2,4-Dichlorophenylacetic acid (DCAA) [2C]	0.415	75.8	21 - 150	2.208	2.207429	0.0006	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8151A

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50564	Laboratory ID:	BA50564-BS1
Preparation:	EPA 3550C/8151A	Initial/Final:	30.1 g / 25 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
2,4,5-T	0.0664	0.0831	125 *	10 - 120
2,4,5-T [2C]	0.0664	0.0905	136 *	10 - 120
2,4,5-TP (Silvex)	0.0664	0.0806	121 *	10 - 120
2,4,5-TP (Silvex) [2C]	0.0664	0.0814	122 *	10 - 120
2,4-D	0.0664	0.0756	114	10 - 118
2,4-D [2C]	0.0664	0.0914	138 *	10 - 118

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

SB001(2 IN-24IN)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50506
Laboratory ID: BA50506-MS1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL
Source Sample Name: SB001(2 IN-24IN)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	173	7600	9150	898 *	75 - 125
Antimony	21.6	ND	7.98	36.9 *	75 - 125
Arsenic	173	2.21	181	103	75 - 125
Barium	173	21.3	207	107	75 - 125
Beryllium	4.33	0.215	4.82	106	75 - 125
Cadmium	4.33	ND	4.54	105	75 - 125
Calcium	86.5	506	694	217 *	75 - 125
Chromium	17.3	9.45	28.3	109	75 - 125
Cobalt	43.3	2.76	48.1	105	75 - 125
Copper	21.6	7.18	32.2	116	75 - 125
Iron	86.5	6140	6510	426 *	75 - 125
Lead	43.3	3.29	49.2	106	75 - 125
Magnesium	86.5	1790	2150	410 *	75 - 125
Manganese	43.3	69.1	122	122	75 - 125
Nickel	43.3	5.38	50.9	105	75 - 125
Potassium	86.5	650	776	147 *	75 - 125
Selenium	173	ND	178	103	75 - 125
Silver	4.33	ND	4.26	98.6	75 - 125
Sodium	86.5	47.7	141	108	75 - 125
Thallium	173	ND	182	105	75 - 125
Vanadium	43.3	18.7	61.5	99.0	75 - 125
Zinc	43.3	15.7	61.4	106	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

SB004 (6- 8 FT)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50518	Laboratory ID:	BA50518-MS1
Preparation:	EPA 3050B	Initial/Final:	0.6 g / 50 mL

Source Sample Name: SB004 (6- 8 FT)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	169	977	1510	315 *	75 - 125
Antimony	21.1	ND	14.7	69.5 *	75 - 125
Arsenic	169	ND	178	105	75 - 125
Barium	169	6.64	193	110	75 - 125
Beryllium	4.22	ND	4.52	107	75 - 125
Cadmium	4.22	ND	4.52	107	75 - 125
Calcium	84.4	77.8	224	174 *	75 - 125
Chromium	16.9	1.97	20.9	112	75 - 125
Cobalt	42.2	1.13	46.9	108	75 - 125
Copper	21.1	2.89	26.4	111	75 - 125
Iron	84.4	2000	3110	1310 *	75 - 125
Lead	42.2	1.17	46.6	108	75 - 125
Magnesium	84.4	232	526	349 *	75 - 125
Manganese	42.2	39.9	99.0	140 *	75 - 125
Nickel	42.2	0.945	46.2	107	75 - 125
Potassium	84.4	238	456	258 *	75 - 125
Selenium	169	ND	174	103	75 - 125
Silver	4.22	ND	4.22	100	75 - 125
Sodium	84.4	ND	116	137 *	75 - 125
Thallium	169	ND	182	108	75 - 125
Vanadium	42.2	2.96	49.4	110	75 - 125
Zinc	42.2	2.96	47.6	106	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES

EPA 6010D

SB004 (6- 8 FT)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Laboratory ID: BA50518-DUP1
Batch: BA50518
Lab Source ID: 25A0380-13
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL
Source Sample Name: SB004 (6- 8 FT)
% Solids: 98.77

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Aluminum	35	977		1110		12.6		EPA 6010D
Antimony	35	ND		ND				EPA 6010D
Arsenic	35	ND		ND				EPA 6010D
Barium	35	6.64		7.46		11.6		EPA 6010D
Beryllium	35	ND		0.066				EPA 6010D
Cadmium	35	ND		ND				EPA 6010D
Calcium	35	77.8		108		32.2		EPA 6010D
Chromium	35	1.97		2.06		4.61		EPA 6010D
Cobalt	35	1.13		1.08		4.58		EPA 6010D
Copper	35	2.89		3.40		16.1		EPA 6010D
Iron	35	2000		2550		24.0		EPA 6010D
Lead	35	1.17		1.25		6.27		EPA 6010D
Magnesium	35	232		258		10.8		EPA 6010D
Manganese	35	39.9		42.7		6.92		EPA 6010D
Nickel	35	0.945		0.996		5.22		EPA 6010D
Potassium	35	238		230		3.57		EPA 6010D
Selenium	35	ND		ND				EPA 6010D
Silver	35	ND		ND				EPA 6010D
Sodium	35	ND		ND				EPA 6010D
Thallium	35	ND		ND				EPA 6010D
Vanadium	35	2.96		3.27		9.76		EPA 6010D
Zinc	35	2.96		3.93		28.2		EPA 6010D

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0380
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50687	Laboratory ID:	BA50687-BS1
Preparation:	EPA 3015A	Initial/Final:	45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	1.94	96.9	80 - 120
Barium	2.00	2.04	102	80 - 120
Calcium	1.00	1.14	114	80 - 120
Chromium	0.200	0.205	102	80 - 120
Cobalt	0.500	0.512	102	80 - 120
Copper	0.250	0.264	105	80 - 120
Iron	1.00	1.03	103	80 - 120
Lead	0.500	0.492	98.4	80 - 120
Magnesium	1.00	1.05	105	80 - 120
Manganese	0.500	0.516	103	80 - 120
Nickel	0.500	0.510	102	80 - 120
Potassium	1.00	0.905	90.5	80 - 120
Silver	0.0500	0.0495	99.0	80 - 120
Sodium	1.00	1.34	134 *	80 - 120
Vanadium	0.500	0.496	99.3	80 - 120
Zinc	0.500	0.495	99.0	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50506
Laboratory ID: BA50506-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	7140	92.9	35.7 - 119
Antimony	244	78.9	32.3	0 - 125
Arsenic	283	263	93.0	70 - 99.5
Barium	326	330	101	73.9 - 107.1
Beryllium	175	178	102	75.4 - 107.4
Cadmium	95.8	91.0	95.0	72.3 - 103.7
Calcium	5470	5520	101	79.5 - 113.2
Chromium	239	229	95.9	72.4 - 106.3
Cobalt	150	153	102	76 - 107.3
Copper	217	225	104	74.6 - 105.1
Iron	7360	7370	100	53 - 127.9
Lead	210	214	102	75.7 - 109.5
Magnesium	2080	2090	101	67.3 - 111.1
Manganese	290	350	121 *	73.4 - 107.3
Nickel	329	326	99.2	74.5 - 106.7
Potassium	2330	2250	96.4	60.9 - 111.6
Selenium	281	301	107	77.6 - 115.7
Silver	82.7	84.6	102	73.8 - 111.7
Sodium	427	449	105	71.2 - 118.7
Thallium	123	117	95.4	70.2 - 104.9
Vanadium	192	184	96.0	68.8 - 107.8
Zinc	260	254	97.8	72.7 - 109.2

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50518
Laboratory ID: BA50518-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	6470	84.3	35.7 - 119
Antimony	244	77.5	31.8	0 - 125
Arsenic	283	233	82.4	70 - 99.5
Barium	326	289	88.7	73.9 - 107.1
Beryllium	175	155	88.6	75.4 - 107.4
Cadmium	95.8	79.8	83.3	72.3 - 103.7
Calcium	5470	4940	90.2	79.5 - 113.2
Chromium	239	209	87.6	72.4 - 106.3
Cobalt	150	134	89.5	76 - 107.3
Copper	217	198	91.3	74.6 - 105.1
Iron	7360	6510	88.4	53 - 127.9
Lead	210	186	88.5	75.7 - 109.5
Magnesium	2080	1850	88.7	67.3 - 111.1
Manganese	290	245	84.3	73.4 - 107.3
Nickel	329	287	87.2	74.5 - 106.7
Potassium	2330	2040	87.7	60.9 - 111.6
Selenium	281	260	92.7	77.6 - 115.7
Silver	82.7	73.6	89.0	73.8 - 111.7
Sodium	427	388	91.0	71.2 - 118.7
Thallium	123	106	85.8	70.2 - 104.9
Vanadium	192	165	86.0	68.8 - 107.8
Zinc	260	224	86.3	72.7 - 109.2

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50645
Laboratory ID: BA50645-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	5850	76.2	35.7 - 119
Antimony	244	60.2	24.7	0 - 125
Arsenic	283	237	83.6	70 - 99.5
Barium	326	296	90.8	73.9 - 107.1
Beryllium	175	159	90.7	75.4 - 107.4
Cadmium	95.8	79.3	82.8	72.3 - 103.7
Calcium	5470	5020	91.8	79.5 - 113.2
Chromium	239	220	92.2	72.4 - 106.3
Cobalt	150	138	91.8	76 - 107.3
Copper	217	204	93.9	74.6 - 105.1
Iron	7360	6110	83.0	53 - 127.9
Lead	210	186	88.5	75.7 - 109.5
Magnesium	2080	1790	85.9	67.3 - 111.1
Manganese	290	249	85.9	73.4 - 107.3
Nickel	329	296	89.8	74.5 - 106.7
Potassium	2330	1890	81.0	60.9 - 111.6
Selenium	281	263	93.6	77.6 - 115.7
Silver	82.7	72.0	87.1	73.8 - 111.7
Sodium	427	391	91.5	71.2 - 118.7
Thallium	123	106	85.9	70.2 - 104.9
Vanadium	192	167	87.2	68.8 - 107.8
Zinc	260	228	87.7	72.7 - 109.2

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

SB001(2 IN-24IN)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Laboratory ID: S5A1023-SRD4
Sequence: S5A1023
Lab Source ID: 25A0380-02
Preparation: BA50506
Initial/Final: 0.6 / 50
Source Sample Name: SB001(2 IN-24IN)
% Solids: 96.34

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	7600		8500		11.8 *		EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	2.21		ND				EPA 6010D	10
Barium	21.3		23.0		8.01		EPA 6010D	10
Beryllium	0.215		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	506		609		20.5 *		EPA 6010D	10
Chromium	9.45		10.7		13.6 *		EPA 6010D	10
Cobalt	2.76		2.85		3.45		EPA 6010D	10
Copper	7.18		ND				EPA 6010D	10
Iron	6140		6950		13.2 *		EPA 6010D	10
Lead	3.29		4.15		26.3 *		EPA 6010D	10
Magnesium	1790		2130		19.0 *		EPA 6010D	10
Manganese	69.1		78.9		14.1 *		EPA 6010D	10
Nickel	5.38		5.97		10.9 *		EPA 6010D	10
Potassium	650		801		23.3 *		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	47.7		ND				EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	18.7		20.7		10.7 *		EPA 6010D	10
Zinc	15.7		18.1		14.8 *		EPA 6010D	10

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

SB004 (6- 8 FT)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Laboratory ID: S5A1024-SRD5
Sequence: S5A1024
Lab Source ID: 25A0380-13
Preparation: BA50518
Initial/Final: 0.6 / 50
Source Sample Name: SB004 (6- 8 FT)
% Solids: 98.77

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	977		1150		17.9 *		EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	ND		ND				EPA 6010D	10
Barium	6.64		ND				EPA 6010D	10
Beryllium	ND		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	77.8		95.6		22.9 *		EPA 6010D	10
Chromium	1.97		2.24		13.7 *		EPA 6010D	10
Cobalt	1.13		ND				EPA 6010D	10
Copper	2.89		ND				EPA 6010D	10
Iron	2000		2420		20.6 *		EPA 6010D	10
Lead	1.17		ND				EPA 6010D	10
Magnesium	232		291		25.6 *		EPA 6010D	10
Manganese	39.9		47.8		19.9 *		EPA 6010D	10
Nickel	0.945		ND				EPA 6010D	10
Potassium	238		357		50.0 *		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	ND		ND				EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	2.96		ND				EPA 6010D	10
Zinc	2.96		ND				EPA 6010D	10

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1023 Calibration: 01/10/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1023-ICB1	Aluminum	-0.006	0.050	ug/mL		EPA 6010D
	Antimony	-0.003	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	-0.004	0.025	ug/mL		EPA 6010D
	Beryllium	-0.0001	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	-0.009	0.050	ug/mL		EPA 6010D
	Chromium	-0.0005	0.005	ug/mL		EPA 6010D
	Cobalt	-0.001	0.004	ug/mL		EPA 6010D
	Copper	0.00	0.020	ug/mL		EPA 6010D
	Iron	0.005	0.250	ug/mL		EPA 6010D
	Lead	0.002	0.005	ug/mL		EPA 6010D
	Magnesium	0.007	0.050	ug/mL		EPA 6010D
	Manganese	-0.0009	0.005	ug/mL		EPA 6010D
	Nickel	-0.0008	0.010	ug/mL		EPA 6010D
	Potassium	0.186	0.050	ug/mL	*	EPA 6010D
	Selenium	-0.002	0.025	ug/mL		EPA 6010D
	Silver	-0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.011	0.500	ug/mL		EPA 6010D
	Thallium	0.0004	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0009	0.010	ug/mL		EPA 6010D
	Zinc	-0.001	0.025	ug/mL		EPA 6010D
S5A1023-CCB1	Aluminum	-0.003	0.050	ug/mL		EPA 6010D
	Antimony	0.001	0.025	ug/mL		EPA 6010D
	Arsenic	0.003	0.015	ug/mL		EPA 6010D
	Barium	-0.003	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00006	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.005	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0007	0.004	ug/mL		EPA 6010D
	Copper	0.0004	0.020	ug/mL		EPA 6010D
	Iron	-0.007	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1023 Calibration: 01/10/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1023-CCB7	Lead	0.001	0.005	ug/mL		EPA 6010D
	Magnesium	0.011	0.050	ug/mL		EPA 6010D
	Manganese	-0.0005	0.005	ug/mL		EPA 6010D
	Nickel	-0.0004	0.010	ug/mL		EPA 6010D
	Potassium	-0.042	0.050	ug/mL		EPA 6010D
	Selenium	-0.006	0.025	ug/mL		EPA 6010D
	Silver	-0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.059	0.500	ug/mL		EPA 6010D
	Thallium	-0.0008	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0009	0.010	ug/mL		EPA 6010D
	Zinc	-0.0005	0.025	ug/mL		EPA 6010D
S5A1023-CCB8	Aluminum	0.003	0.050	ug/mL		EPA 6010D
	Antimony	-0.0001	0.025	ug/mL		EPA 6010D
	Arsenic	0.0009	0.015	ug/mL		EPA 6010D
	Barium	-0.002	0.025	ug/mL		EPA 6010D
	Beryllium	0.00002	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.013	0.050	ug/mL		EPA 6010D
	Chromium	-0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	-0.001	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.014	0.250	ug/mL		EPA 6010D
	Lead	0.0006	0.005	ug/mL		EPA 6010D
	Magnesium	0.003	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	-0.0009	0.010	ug/mL		EPA 6010D
	Potassium	0.072	0.050	ug/mL	*	EPA 6010D
	Selenium	-0.0001	0.025	ug/mL		EPA 6010D
	Silver	-0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.064	0.500	ug/mL		EPA 6010D
	Thallium	0.0006	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0004	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D

FORM I **BLANKS**

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1023 Calibration: 01/10/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1023-CCB9	Aluminum	0.031	0.050	ug/mL		EPA 6010D
	Antimony	-0.001	0.025	ug/mL		EPA 6010D
	Arsenic	-0.001	0.015	ug/mL		EPA 6010D
	Barium	-0.002	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00006	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.014	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0006	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.054	0.250	ug/mL		EPA 6010D
	Lead	0.001	0.005	ug/mL		EPA 6010D
	Magnesium	0.020	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	-0.0004	0.010	ug/mL		EPA 6010D
	Potassium	0.380	0.050	ug/mL	*	EPA 6010D
	Selenium	-0.005	0.025	ug/mL		EPA 6010D
	Silver	-0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.053	0.500	ug/mL		EPA 6010D
	Thallium	-0.0001	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0005	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1024 Calibration: 01/10/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1024-ICB1	Aluminum	-0.006	0.050	ug/mL		EPA 6010D
	Antimony	-0.003	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	-0.004	0.025	ug/mL		EPA 6010D
	Beryllium	-0.0001	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	-0.009	0.050	ug/mL		EPA 6010D
	Chromium	-0.0005	0.005	ug/mL		EPA 6010D
	Cobalt	-0.001	0.004	ug/mL		EPA 6010D
	Copper	0.00	0.020	ug/mL		EPA 6010D
	Iron	0.005	0.250	ug/mL		EPA 6010D
	Lead	0.002	0.005	ug/mL		EPA 6010D
	Magnesium	0.007	0.050	ug/mL		EPA 6010D
	Manganese	-0.0009	0.005	ug/mL		EPA 6010D
	Nickel	-0.0008	0.010	ug/mL		EPA 6010D
	Potassium	0.186	0.050	ug/mL	*	EPA 6010D
	Selenium	-0.002	0.025	ug/mL		EPA 6010D
	Silver	-0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.011	0.500	ug/mL		EPA 6010D
	Thallium	0.0004	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0009	0.010	ug/mL		EPA 6010D
	Zinc	-0.001	0.025	ug/mL		EPA 6010D
S5A1024-CCB1	Aluminum	-0.003	0.050	ug/mL		EPA 6010D
	Antimony	0.001	0.025	ug/mL		EPA 6010D
	Arsenic	0.003	0.015	ug/mL		EPA 6010D
	Barium	-0.003	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00006	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.005	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0007	0.004	ug/mL		EPA 6010D
	Copper	0.0004	0.020	ug/mL		EPA 6010D
	Iron	-0.007	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1024 Calibration: 01/10/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1024-CCB1	Lead	0.0003	0.005	ug/mL		EPA 6010D
	Magnesium	0.010	0.050	ug/mL		EPA 6010D
	Manganese	-0.0006	0.005	ug/mL		EPA 6010D
	Nickel	-0.001	0.010	ug/mL		EPA 6010D
	Potassium	-0.050	0.050	ug/mL		EPA 6010D
	Selenium	-0.006	0.025	ug/mL		EPA 6010D
	Silver	-0.0007	0.005	ug/mL		EPA 6010D
	Sodium	0.014	0.500	ug/mL		EPA 6010D
	Thallium	-0.0004	0.020	ug/mL		EPA 6010D
	Vanadium	-0.001	0.010	ug/mL		EPA 6010D
	Zinc	-0.0007	0.025	ug/mL		EPA 6010D
S5A1024-CCB8	Aluminum	0.003	0.050	ug/mL		EPA 6010D
	Antimony	-0.0001	0.025	ug/mL		EPA 6010D
	Arsenic	0.0009	0.015	ug/mL		EPA 6010D
	Barium	-0.002	0.025	ug/mL		EPA 6010D
	Beryllium	0.00002	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.013	0.050	ug/mL		EPA 6010D
	Chromium	-0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	-0.001	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.014	0.250	ug/mL		EPA 6010D
	Lead	0.0006	0.005	ug/mL		EPA 6010D
	Magnesium	0.003	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	-0.0009	0.010	ug/mL		EPA 6010D
	Potassium	0.072	0.050	ug/mL	*	EPA 6010D
	Selenium	-0.0001	0.025	ug/mL		EPA 6010D
	Silver	-0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.064	0.500	ug/mL		EPA 6010D
	Thallium	0.0006	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0004	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1024
Calibration: 01/10/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1024-CCB9	Aluminum	0.031	0.050	ug/mL		EPA 6010D
	Antimony	-0.001	0.025	ug/mL		EPA 6010D
	Arsenic	-0.001	0.015	ug/mL		EPA 6010D
	Barium	-0.002	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00006	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.014	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0006	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.054	0.250	ug/mL		EPA 6010D
	Lead	0.001	0.005	ug/mL		EPA 6010D
	Magnesium	0.020	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	-0.0004	0.010	ug/mL		EPA 6010D
	Potassium	0.380	0.050	ug/mL	*	EPA 6010D
	Selenium	-0.005	0.025	ug/mL		EPA 6010D
	Silver	-0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.053	0.500	ug/mL		EPA 6010D
	Thallium	-0.0001	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0005	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D
S5A1024-CCBA	Aluminum	0.014	0.050	ug/mL		EPA 6010D
	Antimony	0.0006	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	-0.002	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00005	0.0005	ug/mL		EPA 6010D
	Cadmium	0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.017	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	-0.001	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.034	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1024
Calibration: 01/10/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1024-CCBA	Lead	0.0001	0.005	ug/mL		EPA 6010D
	Magnesium	0.013	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	-0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.283	0.050	ug/mL	*	EPA 6010D
	Selenium	-0.004	0.025	ug/mL		EPA 6010D
	Silver	-0.0008	0.005	ug/mL		EPA 6010D
	Sodium	0.053	0.500	ug/mL		EPA 6010D
	Thallium	-0.0003	0.020	ug/mL		EPA 6010D
	Vanadium	-0.0006	0.010	ug/mL		EPA 6010D
	Zinc	-0.0003	0.025	ug/mL		EPA 6010D
BA50518-BLK1	Aluminum	-0.708	4.17	mg/kg wet		EPA 6010D
	Antimony	-0.183	2.08	mg/kg wet		EPA 6010D
	Arsenic	0.067	1.25	mg/kg wet		EPA 6010D
	Barium	-0.308	2.08	mg/kg wet		EPA 6010D
	Beryllium	-0.008	0.042	mg/kg wet		EPA 6010D
	Cadmium	0.017	0.250	mg/kg wet		EPA 6010D
	Calcium	-0.708	4.17	mg/kg wet		EPA 6010D
	Chromium	-0.025	0.417	mg/kg wet		EPA 6010D
	Cobalt	-0.067	0.333	mg/kg wet		EPA 6010D
	Copper	0.083	1.67	mg/kg wet		EPA 6010D
	Iron	1.13	20.8	mg/kg wet		EPA 6010D
	Lead	-0.067	0.417	mg/kg wet		EPA 6010D
	Magnesium	0.900	4.17	mg/kg wet		EPA 6010D
	Manganese	-0.083	0.417	mg/kg wet		EPA 6010D
	Nickel	-0.075	0.830	mg/kg wet		EPA 6010D
	Potassium	5.43	4.17	mg/kg wet	*	EPA 6010D
	Selenium	-0.267	2.08	mg/kg wet		EPA 6010D
	Silver	-0.100	0.420	mg/kg wet		EPA 6010D
	Sodium	2.58	41.7	mg/kg wet		EPA 6010D
	Thallium	0.125	2.08	mg/kg wet		EPA 6010D
	Vanadium	-0.100	0.830	mg/kg wet		EPA 6010D
	Zinc	-0.067	2.08	mg/kg wet		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1319 Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1319-ICB1	Aluminum	-0.002	0.050	ug/mL		EPA 6010D
	Antimony	-0.0009	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0007	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	0.00001	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	-0.0007	0.050	ug/mL		EPA 6010D
	Chromium	-0.0003	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.0001	0.020	ug/mL		EPA 6010D
	Iron	0.025	0.250	ug/mL		EPA 6010D
	Lead	-0.0008	0.005	ug/mL		EPA 6010D
	Magnesium	-0.006	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.230	0.050	ug/mL	*	EPA 6010D
	Selenium	0.002	0.025	ug/mL		EPA 6010D
	Silver	-0.0002	0.005	ug/mL		EPA 6010D
	Sodium	0.015	0.500	ug/mL		EPA 6010D
	Thallium	-0.0008	0.020	ug/mL		EPA 6010D
	Vanadium	0.0002	0.010	ug/mL		EPA 6010D
	Zinc	-0.0002	0.025	ug/mL		EPA 6010D
S5A1319-CCB1	Aluminum	0.002	0.050	ug/mL		EPA 6010D
	Antimony	0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.0005	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	0.00004	0.0005	ug/mL		EPA 6010D
	Cadmium	0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.006	0.050	ug/mL		EPA 6010D
	Chromium	0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.0002	0.020	ug/mL		EPA 6010D
	Iron	0.032	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1319
Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1319-CCB2	Aluminum	0.002	0.050	ug/mL		EPA 6010D
	Antimony	-0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.00	0.015	ug/mL		EPA 6010D
	Barium	0.00	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00002	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.012	0.050	ug/mL		EPA 6010D
	Chromium	0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.0008	0.020	ug/mL		EPA 6010D
	Iron	0.015	0.250	ug/mL		EPA 6010D
	Lead	-0.0006	0.005	ug/mL		EPA 6010D
	Magnesium	0.013	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	-0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.179	0.050	ug/mL	*	EPA 6010D
	Selenium	0.003	0.025	ug/mL		EPA 6010D
	Silver	-0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.008	0.500	ug/mL		EPA 6010D
	Thallium	-0.0001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0002	0.010	ug/mL		EPA 6010D
	Zinc	0.00	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1405 Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1405-ICB1	Aluminum	-0.00230	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	-0.000700	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000300	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.000100	0.0200	ug/mL		EPA 6010D
	Iron	0.0247	0.250	ug/mL		EPA 6010D
	Lead	-0.000800	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00560	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.230	0.0500	ug/mL	*	EPA 6010D
	Silver	-0.000200	0.00500	ug/mL		EPA 6010D
	Sodium	0.0154	0.500	ug/mL		EPA 6010D
	Vanadium	0.000200	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000200	0.0250	ug/mL		EPA 6010D
S5A1405-CCB1	Aluminum	0.00160	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	0.00630	0.0500	ug/mL		EPA 6010D
	Chromium	0.000200	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.000200	0.0200	ug/mL		EPA 6010D
	Iron	0.0322	0.250	ug/mL		EPA 6010D
	Lead	-0.00300	0.00500	ug/mL		EPA 6010D
	Magnesium	0.0149	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.191	0.0500	ug/mL	*	EPA 6010D
	Silver	-0.000600	0.00500	ug/mL		EPA 6010D
	Sodium	0.0214	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000200	0.0250	ug/mL		EPA 6010D
S5A1405-CCBC	Aluminum	0.0135	0.0500	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1405
Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1405-CCBC	Barium	0.000500	0.0250	ug/mL		EPA 6010D
	Calcium	0.0709	0.0500	ug/mL	*	EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	0.00	0.00400	ug/mL		EPA 6010D
	Copper	0.00140	0.0200	ug/mL		EPA 6010D
	Iron	0.0205	0.250	ug/mL		EPA 6010D
	Lead	-0.00140	0.00500	ug/mL		EPA 6010D
	Magnesium	0.0136	0.0500	ug/mL		EPA 6010D
	Manganese	0.000100	0.00500	ug/mL		EPA 6010D
	Nickel	0.000500	0.0100	ug/mL		EPA 6010D
	Potassium	0.287	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000200	0.00500	ug/mL		EPA 6010D
	Sodium	0.242	0.500	ug/mL		EPA 6010D
	Vanadium	0.000600	0.0100	ug/mL		EPA 6010D
	Zinc	0.00290	0.0250	ug/mL		EPA 6010D
BA50687-BLK1	Aluminum	0.00222	0.0556	mg/L		EPA 6010D
	Barium	0.000111	0.0278	mg/L		EPA 6010D
	Calcium	0.00889	0.0556	mg/L		EPA 6010D
	Chromium	0.000111	0.00556	mg/L		EPA 6010D
	Cobalt	0.000111	0.00444	mg/L		EPA 6010D
	Copper	0.00189	0.0222	mg/L		EPA 6010D
	Iron	0.00778	0.278	mg/L		EPA 6010D
	Lead	-0.00300	0.00556	mg/L		EPA 6010D
	Magnesium	0.00478	0.0556	mg/L		EPA 6010D
	Manganese	-0.000111	0.00556	mg/L		EPA 6010D
	Nickel	0.000333	0.0111	mg/L		EPA 6010D
	Potassium	0.0396	0.0556	mg/L		EPA 6010D
	Silver	-0.000778	0.00556	mg/L		EPA 6010D
	Sodium	0.160	0.556	mg/L		EPA 6010D
	Vanadium	0.000111	0.0111	mg/L		EPA 6010D
	Zinc	-0.000556	0.0278	mg/L		EPA 6010D
S5A1405-CCBD	Aluminum	0.0114	0.0500	ug/mL		EPA 6010D
	Barium	0.00100	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1405
Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1405-CCBD	Calcium	0.0556	0.0500	ug/mL	*	EPA 6010D
	Chromium	0.000300	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000100	0.00400	ug/mL		EPA 6010D
	Copper	0.00210	0.0200	ug/mL		EPA 6010D
	Iron	0.0433	0.250	ug/mL		EPA 6010D
	Lead	-0.000400	0.00500	ug/mL		EPA 6010D
	Magnesium	0.0157	0.0500	ug/mL		EPA 6010D
	Manganese	0.000400	0.00500	ug/mL		EPA 6010D
	Nickel	0.000600	0.0100	ug/mL		EPA 6010D
	Potassium	0.108	0.0500	ug/mL	*	EPA 6010D
	Silver	-0.000500	0.00500	ug/mL		EPA 6010D
	Sodium	0.136	0.500	ug/mL		EPA 6010D
	Vanadium	0.000100	0.0100	ug/mL		EPA 6010D
	Zinc	0.00220	0.0250	ug/mL		EPA 6010D

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/10/25
Sequence: S5A1023

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1023-IFA1	Aluminum	500	530.27	106	ug/mL
	Antimony		-0.01		ug/mL
	Arsenic		0.00		ug/mL
	Barium		0.00		ug/mL
	Beryllium		0.00		ug/mL
	Cadmium		0.00		ug/mL
	Calcium	500	476.26	95.3	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	208.65	104	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	499.45	99.9	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		-0.13		ug/mL
	Selenium		0.00		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.01		ug/mL
	Thallium		0.00		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.01		ug/mL
S5A1023-IFB1	Aluminum	500	528.60	106	ug/mL
	Antimony	0.500	0.49	98.3	ug/mL
	Arsenic	0.500	0.00	0.160 *	ug/mL
	Barium	0.500	0.50	100	ug/mL
	Beryllium	0.500	0.52	104	ug/mL
	Cadmium	1.00	0.95	94.8	ug/mL
	Calcium	500	479.22	95.8	ug/mL

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/10/25
Sequence: S5A1024

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1024-IFA1	Aluminum	500	530.27	106	ug/mL
	Antimony		-0.01		ug/mL
	Arsenic		0.00		ug/mL
	Barium		0.00		ug/mL
	Beryllium		0.00		ug/mL
	Cadmium		0.00		ug/mL
	Calcium	500	476.26	95.3	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	208.65	104	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	499.45	99.9	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		-0.13		ug/mL
	Selenium		0.00		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.01		ug/mL
	Thallium		0.00		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.01		ug/mL
S5A1024-IFB1	Aluminum	500	528.60	106	ug/mL
	Antimony	0.500	0.49	98.3	ug/mL
	Arsenic	0.500	0.00	0.160 *	ug/mL
	Barium	0.500	0.50	100	ug/mL
	Beryllium	0.500	0.52	104	ug/mL
	Cadmium	1.00	0.95	94.8	ug/mL
	Calcium	500	479.22	95.8	ug/mL

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/13/25
Sequence: S5A1319

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1319-IFA1	Aluminum	500	532.81	107	ug/mL
	Antimony		-0.02		ug/mL
	Arsenic		0.00		ug/mL
	Barium		0.00		ug/mL
	Beryllium		0.00		ug/mL
	Cadmium		0.00		ug/mL
	Calcium	500	481.92	96.4	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	208.48	104	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	505.96	101	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		0.01		ug/mL
	Selenium		0.01		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.04		ug/mL
	Thallium		0.00		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S5A1319-IFB1	Aluminum	500	531.13	106	ug/mL
	Antimony	0.500	0.52	103	ug/mL
	Arsenic	0.500	0.00	0.500 *	ug/mL
	Barium	0.500	0.51	102	ug/mL
	Beryllium	0.500	0.53	106	ug/mL
	Cadmium	1.00	0.93	93.2	ug/mL
	Calcium	500	484.99	97.0	ug/mL

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/13/25
Sequence: S5A1319

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1319-IFB1	Chromium	0.500	0.50	99.3	ug/mL
	Cobalt	0.500	0.48	96.3	ug/mL
	Copper	0.500	0.58	116	ug/mL
	Iron	200	207.74	104	ug/mL
	Lead	1.00	0.94	94.2	ug/mL
	Magnesium	500	507.48	101	ug/mL
	Manganese	0.500	0.50	99.3	ug/mL
	Nickel	1.00	0.96	95.9	ug/mL
	Potassium		0.16		ug/mL
	Selenium	0.500	0.49	98.2	ug/mL
	Silver	1.00	1.13	113	ug/mL
	Sodium		0.04		ug/mL
	Thallium	0.500	0.47	94.9	ug/mL
	Vanadium	0.500	0.51	102	ug/mL
	Zinc	1.00	0.94	93.5	ug/mL

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/13/25
Sequence: S5A1405

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1405-IFA1	Aluminum	500	532.81	107	ug/mL
	Barium		0.00		ug/mL
	Calcium	500	481.92	96.4	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	208.48	104	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	505.96	101	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		0.01		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.04		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S5A1405-IFB1	Aluminum	500	531.13	106	ug/mL
	Barium	0.500	0.51	102	ug/mL
	Calcium	500	484.99	97.0	ug/mL
	Chromium	0.500	0.50	99.3	ug/mL
	Cobalt	0.500	0.48	96.3	ug/mL
	Copper	0.500	0.58	116	ug/mL
	Iron	200	207.74	104	ug/mL
	Lead	1.00	0.94	94.2	ug/mL
	Magnesium	500	507.48	101	ug/mL
	Manganese	0.500	0.50	99.3	ug/mL
	Nickel	1.00	0.96	95.9	ug/mL
	Potassium		0.16		ug/mL
	Silver	1.00	1.13	113	ug/mL

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: Nexion2000C
Calibration: 01/14/25
Control Limt: +/- 10.00%
Sequence: S5A1503

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S5A1503-ICV1	Antimony	50.0	53.2	106		ug/L	EPA 6020B
	Arsenic	50.0	50.9	102		ug/L	EPA 6020B
	Beryllium	50.0	50.4	101		ug/L	EPA 6020B
	Cadmium	50.0	55.7	111	*	ug/L	EPA 6020B
	Selenium	50.0	54.6	109		ug/L	EPA 6020B
	Thallium	50.0	49.4	98.8		ug/L	EPA 6020B
S5A1503-CCV1	Antimony	50.0	52.0	104		ug/L	EPA 6020B
	Arsenic	50.0	47.0	94.0		ug/L	EPA 6020B
	Beryllium	50.0	48.4	96.7		ug/L	EPA 6020B
	Cadmium	50.0	52.4	105		ug/L	EPA 6020B
	Selenium	50.0	47.9	95.8		ug/L	EPA 6020B
	Thallium	50.0	47.8	95.6		ug/L	EPA 6020B
S5A1503-CCV2	Antimony	50.0	45.6	91.3		ug/L	EPA 6020B
	Arsenic	50.0	48.5	96.9		ug/L	EPA 6020B
	Beryllium	50.0	45.4	90.8		ug/L	EPA 6020B
	Cadmium	50.0	46.1	92.1		ug/L	EPA 6020B
	Selenium	50.0	44.8	89.5	*	ug/L	EPA 6020B
	Thallium	50.0	45.3	90.6		ug/L	EPA 6020B
S5A1503-CCV3	Antimony	50.0	40.8	81.5	*	ug/L	EPA 6020B
	Arsenic	50.0	45.7	91.4		ug/L	EPA 6020B
	Beryllium	50.0	41.3	82.7	*	ug/L	EPA 6020B
	Cadmium	50.0	41.7	83.3	*	ug/L	EPA 6020B
	Selenium	50.0	47.1	94.1		ug/L	EPA 6020B
	Thallium	50.0	47.2	94.3		ug/L	EPA 6020B
S5A1503-CCV4	Antimony	50.0	38.6	77.1	*	ug/L	EPA 6020B
	Arsenic	50.0	46.8	93.5		ug/L	EPA 6020B
	Beryllium	50.0	41.3	82.5	*	ug/L	EPA 6020B
	Cadmium	50.0	39.4	78.8	*	ug/L	EPA 6020B
	Selenium	50.0	49.5	98.9		ug/L	EPA 6020B
	Thallium	50.0	44.3	88.6	*	ug/L	EPA 6020B

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: Nexion2000C
Calibration: 01/14/25
Sequence: S5A1503

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1503-IFA1	Antimony		0.01		ug/L
	Arsenic		0.20		ug/L
	Beryllium		0.00		ug/L
	Cadmium		0.50		ug/L
	Selenium		0.00		ug/L
	Thallium		-0.05		ug/L
S5A1503-IFB1	Antimony	20.0	20.15	101	ug/L
	Arsenic	20.0	19.59	98.0	ug/L
	Beryllium	20.0	18.74	93.7	ug/L
	Cadmium	20.0	20.21	101	ug/L
	Selenium	20.0	16.53	82.7	ug/L
	Thallium	20.0	18.60	93.0	ug/L

* Values outside of QC limits

DUPLICATES

SB001(2 IN-24IN)

EPA 7473

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0380
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Laboratory ID: BA50628-DUP1
Batch: BA50628
Lab Source ID: 25A0380-02
Preparation: EPA 7473 soil
Initial/Final: 0.2 g / 0.2 g
Source Sample Name: SB001(2 IN-24IN)
% Solids: 96.34

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Mercury	35	0.047438		0.299		145	*	EPA 7473

* Values outside of QC limits

HOLDING TIME SUMMARY

EPA 7196A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0380

Client: H2M architects + engineers Project: ORFD2301

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
SB001 (O-2 IN)	01/07/25 08:50	01/08/25 19:10	01/09/25 06:58	1.92	30.00	01/09/25 11:30	0.19	7.00	
SB001(2 IN-24IN)	01/07/25 08:55	01/08/25 19:10	01/09/25 06:58	1.92	30.00	01/09/25 11:30	0.19	7.00	
SB001 (6-8 FT)	01/07/25 08:58	01/08/25 19:10	01/09/25 06:58	1.92	30.00	01/09/25 11:30	0.19	7.00	
SB002 (0-2IN)	01/07/25 09:28	01/08/25 19:10	01/09/25 06:58	1.90	30.00	01/09/25 11:30	0.19	7.00	
SB002 (2 IN -24 IN)	01/07/25 09:31	01/08/25 19:10	01/09/25 06:58	1.89	30.00	01/09/25 11:30	0.19	7.00	
SB002 (6 - 8 FT)	01/07/25 09:34	01/08/25 19:10	01/09/25 06:58	1.89	30.00	01/09/25 11:30	0.19	7.00	
SB003 (0- 2IN)	01/07/25 10:15	01/08/25 19:10	01/09/25 09:07	1.95	30.00	01/09/25 13:38	0.19	7.00	
SB003 (2 IN- 24IN)	01/07/25 10:22	01/08/25 19:10	01/09/25 09:07	1.95	30.00	01/09/25 13:38	0.19	7.00	
SB003 (6 - 8FT)	01/07/25 10:25	01/08/25 19:10	01/09/25 09:07	1.95	30.00	01/09/25 13:38	0.19	7.00	
SB00X	01/07/25 10:18	01/08/25 19:10	01/09/25 09:07	1.95	30.00	01/09/25 13:38	0.19	7.00	
SB004 (0- 2IN)	01/07/25 10:45	01/08/25 19:10	01/09/25 09:07	1.93	30.00	01/09/25 13:38	0.19	7.00	
SB004 (2 IN-24 IN)	01/07/25 10:50	01/08/25 19:10	01/09/25 09:07	1.93	30.00	01/09/25 13:38	0.19	7.00	
SB004 (6- 8 FT)	01/07/25 10:55	01/08/25 19:10	01/09/25 09:07	1.93	30.00	01/09/25 13:38	0.19	7.00	
SB005 (0- 2IN)	01/07/25 14:05	01/08/25 19:10	01/09/25 09:07	1.79	30.00	01/09/25 13:38	0.19	7.00	
SB005 (2 IN-24 IN)	01/07/25 14:08	01/08/25 19:10	01/09/25 09:07	1.79	30.00	01/09/25 13:38	0.19	7.00	
SB005 (6- 8FT)	01/07/25 14:10	01/08/25 19:10	01/09/25 09:07	1.79	30.00	01/09/25 13:38	0.19	7.00	
Field Blank 1/7/25	01/07/25 11:45	01/08/25 19:10	01/08/25 15:16	1.15	1.00	01/08/25 22:16	1.44	1.00	*
Equipment Blank 1/7/25	01/07/25 12:00	01/08/25 19:10	01/08/25 15:16	1.14	1.00	01/08/25 22:16	1.43	1.00	*

Initial Calibration Report - LCQQQ

Agilent Technologies

Method Path	D:\MassHunter\Data
Method File	2024-12-31B-1633-ICAL.batch.bin
Batch Name	D:\MassHunter\Data\QuantResults\2025-01-14A-1633.batch.bin
Last Calib Update	1/3/2025 10:06:56 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\MassHunter\Data\QQQ48592.d	12/31/2024 6:12:36 PM	1/3/2025 10:06:56 AM
2	D:\MassHunter\Data\QQQ48593.d	12/31/2024 6:28:40 PM	1/3/2025 10:06:56 AM
3	D:\MassHunter\Data\QQQ48594.d	12/31/2024 6:44:44 PM	1/3/2025 10:06:56 AM
4	D:\MassHunter\Data\QQQ48595.d	12/31/2024 7:00:48 PM	1/3/2025 10:06:56 AM
5	D:\MassHunter\Data\QQQ48596.d	12/31/2024 7:16:54 PM	1/3/2025 10:06:56 AM
6	D:\MassHunter\Data\QQQ48597.d	12/31/2024 7:33:00 PM	1/3/2025 10:06:56 AM
7	D:\MassHunter\Data\QQQ48598.d	12/31/2024 7:49:06 PM	1/3/2025 10:06:56 AM
8	D:\MassHunter\Data\QQQ48599.d	12/31/2024 8:05:09 PM	1/3/2025 10:06:56 AM

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I M3PFBA				---------- ISTD ----------							
S Perfluoro-n-[13C4]butanoic acid (MPFBA)	Avg RF	2.0764	2.1537	2.0639	2.1658	2.2213	2.0046	2.1569	2.0019	2.1056	3.828
I MPFDA				---------- ISTD ----------							
S M6PFDA	Avg RF	1.4148	1.6073	1.4279	1.3936	1.6900	1.3764	1.3120	1.1347	1.4196	12.018
S M7PFUdA	Avg RF	1.9731	2.0617	2.4184	2.3269	2.6823	2.0645	2.0823	1.6626	2.1590	14.379
S Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	Avg RF	1.8962	1.9640	2.1528	2.0463	2.5332	2.1097	2.2420	2.1247	2.1336	9.123
S M2PFTeDA	Avg RF	0.8127	0.8591	0.9001	0.9959	1.1403	0.9221	1.0199	0.9523	0.9503	10.790
I MPFHxA				---------- ISTD ----------							
S Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)	Avg RF	1.5068	1.6188	1.4738	1.5874	1.5562	1.3412	1.4153	1.3445	1.4805	7.183
S M5PFHxA	Avg RF	1.6705	1.7434	1.6273	1.7547	1.6922	1.4650	1.5725	1.5109	1.6296	6.504
S M3-HFPO-DA	Avg RF	0.3081	0.3253	0.2757	0.2919	0.2698	0.2421	0.2625	0.2095	0.2731	13.441
S M4PFHpA	Avg RF	0.3297	0.3861	0.3212	0.3543	0.3272	0.2832	0.3121	0.2296	0.3179	14.677
I MPFHxS				---------- ISTD ----------							
S M3PFBS	Avg RF	4.7475	4.4783	4.3553	4.6861	4.4356	3.8358	4.5431	3.9249	4.3758	7.588
S M2-4-2FTS	Avg RF	5.9578	5.6295	5.6425	5.6288	5.9297	5.5445			5.7221	3.065
S M3PFHxS	Avg RF	3.5347	3.1880	3.1118	3.2401	3.3138	2.8772	3.0649	2.4133	3.0930	10.821
S M2-6-2FTS	Avg RF	3.8434	3.6092	3.5700	3.6347	3.8796	3.7698			3.7178	3.511
S M2-8-2FTS	Avg RF	6.3238	6.0897	5.9941	6.3584	6.6487	6.1453			6.2600	3.765
I MPFNA				---------- ISTD ----------							
S Perfluoro-n-[13C9]nonanoic acid (M9PFNA)	Avg RF	0.3045	0.3364	0.2985	0.3145	0.3315	0.3093	0.3458	0.2559	0.3121	8.996
I MPFOA				---------- ISTD ----------							
S Perfluoro-n-[13C8]octanoic acid (M8PFOA)	Avg RF	0.8208	0.9048	0.9345	0.8767	0.9679	0.8029	0.9493	0.7947	0.8814	7.772
I MPFOS				---------- ISTD ----------							
S Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	Avg RF	0.4163	0.3895	0.3841	0.3906	0.4113	0.4233	0.3960	0.4436	0.4068	5.030
S d3-N-MeFOSAA	Avg RF	1.7475	1.7825	1.6487	1.7952	1.7724	1.6408	1.8024	1.7338	1.7404	3.637

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
S d5-N-EtFOSAA	Avg RF	1.5542	1.5987	1.5164	1.5202	1.4884	1.3303	1.5034	1.2559	1.4709	7.926
S Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	Avg RF	1.5716	1.5287	1.4922	1.5493	1.5400	1.5631	1.6144	1.6518	1.5639	3.197
S d7-NMeFOSE	Avg RF	0.1270	0.1213	0.1164	0.1255	0.1299	0.1177	0.1260	0.1190	0.1228	4.003
S d3-NMeFOSA	Avg RF	0.3064	0.2951	0.3179	0.2799	0.3319	0.2948	0.3043	0.2979	0.3035	5.229
S d9-NEtFOSE	Avg RF	0.0590	0.0571	0.0601	0.0588	0.0648	0.0562	0.0602	0.0564	0.0591	4.700
S d5-NEtFOSA	Avg RF	0.2286	0.2085	0.2306	0.2101	0.2238	0.1900	0.1947	0.1995	0.2107	7.407
I Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS				---------- ISTD ----------							
T PFMPA	Quadratic	0.3171	0.3104	0.2945	0.2987	0.2980	0.2947	0.3079	0.3084	0.3037	2.750
T 3:3FTCA	Quadratic	0.0228	0.0205	0.0217	0.0217	0.0207	0.0204	0.0204	0.0218	0.0213	4.050
T Perfluoro-n-pentanoic acid (PFPeA)	Quadratic	1.0756	0.9419	0.9907	0.9994	0.9979	1.0018	0.9713	0.9975	0.9970	3.782
T PFMBA	Quadratic	0.4348	0.4260	0.3936	0.3914	0.3916	0.3978	0.4086	0.3772	0.4026	4.801
I d3-NMeFOSA-EIS				---------- ISTD ----------							
T NMeFOSA	Quadratic	1.0065	0.9521	0.8051	0.8497	0.7722	0.7681	0.7809	0.7798	0.8393	10.889
I d3-N-MeFOSAA-EIS				---------- ISTD ----------							
T N-MeFOSAA	Quadratic	0.7780	0.8960	0.8854	0.7908	0.8500	0.8327	0.7891	0.8377	0.8325	5.327
I d5-NEtFOSA-EIS				---------- ISTD ----------							
T NEtFOSA	Quadratic	1.0554	1.2106	0.9628	1.0963	1.1412	1.1519	1.2217	1.1484	1.1235	7.533
I d5-N-EtFOSAA-EIS				---------- ISTD ----------							
T N-EtFOSAA	Quadratic	1.1098	0.7751	0.9456	0.9484	0.9420	0.9533	0.8401	0.9245	0.9299	10.418
I d7-NMeFOSE-EIS				---------- ISTD ----------							
T NMeFOSE	Quadratic	0.9806	0.9873	0.9156	0.8349	0.8716	0.8435	0.8364	0.8756	0.8932	6.935
I d9-NEtFOSE-EIS				---------- ISTD ----------							
T NEtFOSE	Linear	2.2335	2.2055	2.0098	2.0159	1.7918	1.9360	1.8331	2.0226	2.0060	7.828
I M2-4-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-hexanesulfonate (4 2FTS)	Quadratic	1.1774	1.0843	1.0763	1.0375	0.9172	0.7140			1.0011	16.378
I M2-6-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-octanesulfonate (6 2FTS)	Quadratic	1.6276	1.4669	1.4694	1.4061	1.2293	0.9403			1.3566	17.761
I M2-8-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-decanesulfonate (8 2FTS)	Quadratic	0.2357	0.2197	0.1886	0.1875	0.1639	0.1294			0.1875	20.359
I M2PFTeDA-EIS				---------- ISTD ----------							
T Perfluorotridecanoic acid (PFTrDA)	Quadratic	1.1939	1.3037	1.2749	1.1250	1.1306	1.2051	0.9274	1.0310	1.1489	10.855
T Perfluorotetradecanoic acid (PFTA)	Quadratic	1.0577	1.0511	0.9958	0.9056	1.0577	1.0604	1.0274	0.9324	1.0110	6.052
I M3-HFPO-DA-EIS				---------- ISTD ----------							
T HFPO-DA	Quadratic	0.1028	0.0748	0.0889	0.0940	0.0945	0.0962	0.0869	0.0825	0.0901	9.704
T ADONA	Quadratic	1.9878	2.0986	1.9436	2.0461	2.2041	2.1128	1.9450	1.9807	2.0398	4.549
T 9-Cl-PF3ONS	Quadratic	5.5373	6.0400	5.9793	6.0959	6.5175	6.0282	5.3116	5.3940	5.8630	7.017
T 11-Cl-PF3OUdS	Quadratic	3.4547	3.6144	3.5557	3.7790	4.0188	3.9416	3.7815	4.0745	3.7775	5.948

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I M3PFBS-EIS						ISTD					
T Perfluorobutanesulfonic acid (PFBS)	Quadratic	1.2108	1.0432	1.1227	1.0645	1.1086	1.0905	1.0825	1.1165	1.1049	4.568
I M3PFHxS-EIS						ISTD					
T Perfluoro-1-pentanesulfonate (L-PFPeS)	Quadratic	1.2951	1.1941	1.3076	1.3836	1.2558	1.2571	1.4083	1.5935	1.3369	9.337
T Perfluorohexanesulfonic acid (PFHxS)	Quadratic	1.2938	1.0933	1.2457	1.2089	1.1492	1.0868	1.1463	1.2224	1.1808	6.256
I M4PFHpA-EIS						ISTD					
T Perfluoroheptanoic acid (PFHpA)	Quadratic	3.7669	2.9209	2.9920	2.9447	3.1559	3.1652	2.9680	3.7745	3.2110	11.128
I M5PFHxA-EIS						ISTD					
T PFEESA	Quadratic	1.2450	1.2356	1.1563	1.1453	1.1749	1.1770	1.1601	1.0496	1.1680	5.154
T NFDHA	Quadratic	0.0118	0.0101	0.0088	0.0091	0.0115	0.0101	0.0108	0.0079	0.0100	13.377
T Perfluorohexanoic acid (PFHxA)	Quadratic	1.2078	1.1437	1.0949	1.0964	1.1171	1.1195	1.0522	1.0933	1.1156	4.097
T 5-3FTCA	Quadratic	0.1714	0.1604	0.1654	0.1666	0.1597	0.1473	0.1369	0.1191	0.1534	11.595
T 7-3FTCA	Quadratic	0.2105	0.1905	0.1872	0.1977	0.1876	0.1718	0.1606	0.1442	0.1813	11.749
I M6PFDA-EIS						ISTD					
T Perfluorodecanoic acid (PFDA)	Quadratic	1.1707	0.9446	1.1275	1.1800	1.0703	1.0522	1.1238	1.0765	1.0932	6.935
I M7PFUdA-EIS						ISTD					
T Perfluoroundecanoic acid (PFUnA)	Quadratic	0.7998	0.8664	0.6976	0.7935	0.7348	0.8351	0.7417	0.7707	0.7799	7.098
I Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS						ISTD					
T Perfluoro-1-octanesulfonamide (FOSA)	Quadratic	1.9295	1.7789	1.8854	1.8816	1.8748	1.5984	1.6369	1.5221	1.7634	8.852
I Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS						ISTD					
T Perfluoro-1-heptanesulfonate (L-PFHpS)	Quadratic	3.2303	3.1172	3.2466	3.2321	3.2319	2.7868	3.0889	2.5775	3.0639	8.130
T Perfluorooctanesulfonic acid (PFOS)	Quadratic	2.8822	2.6441	2.6539	2.7415	2.6285	2.3123	2.5759	2.3080	2.5933	7.623
T Perfluorononanesulfonate (L-PFNS)	Quadratic	2.0839	2.0149	2.2423	2.2478	2.1575	1.7119	1.8632	1.6502	1.9965	11.610
T Perfluoro-1-decanesulfonate (L-PFDS)	Quadratic	1.0460	0.8671	0.7903	0.7856	0.8172	0.7493	0.8295	0.7252	0.8263	12.028
T Perfluorododecanesulfonic acid (PFDoS)	Quadratic	0.4423	0.4588	0.4945	0.4766	0.4809	0.4031	0.4838	0.4136	0.4567	7.442
I Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS						ISTD					
T Perfluorododecanoic acid (PFDoA)	Quadratic	0.7821	0.7410	0.6950	0.7298	0.7069	0.7514	0.7298	0.7357	0.7340	3.626
I Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS						ISTD					
T Perfluoro-n-butanoic acid (PFBA)	Quadratic	0.8728	0.8048	0.8647	0.8485	0.8394	0.8551	0.8440	0.8766	0.8507	2.688
I Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS						ISTD					
T Perfluorooctanoic acid (PFOA)	Linear	1.3612	1.0783	1.0863	1.1925	1.0790	1.0899	1.0448	1.2038	1.1420	9.227
I Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS						ISTD					
T Perfluorononanoic acid (PFNA)	Linear	3.6144	3.4275	3.1995	3.2945	3.2113	2.7550	2.9512	3.6204	3.2592	9.285

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Compounds with Curve fitting not using Avg Response Factor:

Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
T Perfluoro-n-butanoic acid (PFBA)	Quadratic	y = 0.001789 * x ^ 2 + 0.831592 * x	0.999977
T PFMPA	Quadratic	y = 2.597310E-004 * x ^ 2 + 0.302088 * x	0.999937
T 3:3FTCA	Quadratic	y = 3.144835E-005 * x ^ 2 + 0.019813 * x	0.999958
T Perfluoro-n-pentanoic acid (PFPeA)	Quadratic	y = 0.001024 * x ^ 2 + 0.971476 * x	0.999941
T PFMBA	Quadratic	y = -0.001655 * x ^ 2 + 0.418864 * x	0.999850
T Perfluorobutanesulfonic acid (PFBS)	Quadratic	y = 0.001941 * x ^ 2 + 1.070022 * x	0.999980
T PFEESA	Quadratic	y = -0.003866 * x ^ 2 + 1.221955 * x	0.999969
T NFDHA	Quadratic	y = -6.505521E-005 * x ^ 2 + 0.011276 * x	0.995306
T 1H,1H,2H,2H-perfluoro-1-hexanesulfonate (4 2FTS)	Quadratic	y = -0.036449 * x ^ 2 + 1.077689 * x	0.999729
T Perfluorohexanoic acid (PFHxA)	Quadratic	y = 0.001254 * x ^ 2 + 1.061042 * x	0.999791
T Perfluoro-1-pentanesulfonate (L-PFPeS)	Quadratic	y = 0.013840 * x ^ 2 + 1.250820 * x	0.999881
T HFPO-DA	Quadratic	y = -4.259629E-004 * x ^ 2 + 0.093074 * x	0.999690
T Perfluoroheptanoic acid (PFHpA)	Quadratic	y = 0.036917 * x ^ 2 + 2.823747 * x	0.998253
T 5-3FTCA	Quadratic	y = -5.231916E-005 * x ^ 2 + 0.151699 * x	0.999839
T Perfluorohexanesulfonic acid (PFHxS)	Quadratic	y = 0.005545 * x ^ 2 + 1.088803 * x	0.999933
T ADONA	Quadratic	y = -0.001171 * x ^ 2 + 2.006169 * x	0.999635
T 1H,1H,2H,2H-perfluoro-1-octanesulfonate (6 2FTS)	Quadratic	y = -0.052231 * x ^ 2 + 1.461048 * x	0.999618
T Perfluorooctanoic acid (PFOA)	Linear	y = 1.178255 * x	0.996704
T Perfluoro-1-heptanesulfonate (L-PFHpS)	Quadratic	y = -0.026814 * x ^ 2 + 3.248625 * x	0.998900
T Perfluorononanoic acid (PFNA)	Linear	y = 3.500377 * x	0.991951
T Perfluorooctanesulfonic acid (PFOS)	Quadratic	y = -0.012842 * x ^ 2 + 2.622029 * x	0.999219
T 7-3FTCA	Quadratic	y = -5.007952E-005 * x ^ 2 + 0.175360 * x	0.999797
T 9-Cl-PF3ONS	Quadratic	y = -0.010238 * x ^ 2 + 5.623588 * x	0.999092
T 1H,1H,2H,2H-perfluoro-1-decanesulfonate (8 2FTS)	Quadratic	y = -0.007047 * x ^ 2 + 0.198931 * x	0.997683
T Perfluorodecanoic acid (PFDA)	Quadratic	y = -8.352759E-004 * x ^ 2 + 1.119148 * x	0.999758
T Perfluorononanesulfonate (L-PFNS)	Quadratic	y = -0.011898 * x ^ 2 + 1.950663 * x	0.999013
T N-MeFOSAA	Quadratic	y = 0.004157 * x ^ 2 + 0.785005 * x	0.999774
T N-EtFOSAA	Quadratic	y = 0.006024 * x ^ 2 + 0.847563 * x	0.999096
T Perfluoro-1-decanesulfonate (L-PFDS)	Quadratic	y = -0.004955 * x ^ 2 + 0.851117 * x	0.999149
T Perfluoroundecanoic acid (PFUnA)	Quadratic	y = 1.767817E-004 * x ^ 2 + 0.760984 * x	0.999381
T Perfluoro-1-octanesulfonamide (FOSA)	Quadratic	y = -0.007181 * x ^ 2 + 1.701613 * x	0.999746
T 11-Cl-PF3OUdS	Quadratic	y = 0.015414 * x ^ 2 + 3.707140 * x	0.999824
T Perfluorododecanoic acid (PFDoA)	Quadratic	y = 5.198149E-005 * x ^ 2 + 0.732953 * x	0.999954
T Perfluorododecanesulfonic acid (PFDoS)	Quadratic	y = -0.002964 * x ^ 2 + 0.489661 * x	0.997929
T Perfluorotridecanoic acid (PFTrDA)	Quadratic	y = -0.001464 * x ^ 2 + 1.088758 * x	0.993115
T NMeFOSE	Quadratic	y = 0.002122 * x ^ 2 + 0.822223 * x	0.999950
T NMeFOSA	Quadratic	y = 8.434273E-005 * x ^ 2 + 0.777749 * x	0.999968
T Perfluorotetradecanoic acid (PFTA)	Quadratic	y = -0.003076 * x ^ 2 + 1.086366 * x	0.999923
T NEtFOSE	Linear	y = 1.993382 * x	0.998393
T NEtFOSA	Quadratic	y = -0.002999 * x ^ 2 + 1.224582 * x	0.999690

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Orient Point, ORFD2301
York Analytical Laboratory SDG#25A0469
March 21, 2025
Revised: April 5, 2025
Sampling date: 1/8/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package (revised April 5, 2025) for H2M, project located at Orient Point, ORFD2301, SDG#25A0469 submitted to Vali-Data of WNY, LLC on January 24, 2025. his DUSR has been prepared in general compliance with USEPA National Functional Guidelines (NFG) NYSDEC; 'Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)' (4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E, 8270D SIM), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Inorganics/Mercury (6010D, 6020B, 7473, 7470A), Perfluorinated Hydrocarbons (1633 (12/2022)) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	UIC001	25A0469-01
2	UIC002	25A0469-02
3	UIC003	25A0469-03
4	UIC004	25A0469-04
5	UIC005	25A0469-05
6	UIC006	25A0469-06
7	UIC007	25A0469-07
8	UIC008	25A0469-08
9	UIC009	25A0469-09
10	UIC010	25A0469-10
11	UIC00x	25A0469-11
12	Field Blank 1/8/25	25A0469-12
13	Equipment Blank 1/8/25	25A0469-13
14	Trip Blank 1/8/25	25A0469-14

VOCs, SVOCs and PFAS were recorded to the method detection limits. All other analyses were recorded to the reporting limits.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision

-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Internal Standard, Laboratory Control Sample, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met except the area of 1,2-Dichlorobenzene-d_4 was outside QC limits, high in DUSR ID#3 and #6MS. The following target analytes should be qualified as estimated high in these samples, if detected.

Bromoform	1,2-Dichlorobenzene	1,3-Dichlorobenzene
1,4-Dichlorobenzene	1,2,4-Trichlorobenzene	1,2,3-Trichlorobenzene
tert-Butylbenzene	n-Butylbenzene	sec-Butylbenzene
1,2,4-Trimethylbenzene	p-Isopropyltoluene	1,3,5-Trichlorobenzene
Hexachlorobutadiene	1,2-Dibromo-3-chloropropane	n-Propylbenzene

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	RPD	Qualifier	Associated Sample
BA50555	1,2,3-Trichloropropane	75.1	75.7	-	UJ	12-14
BA50555	1,2,4-Trimethylbenzene	77.8	75.6	-	UJ	12-14
BA50555	1,3-Dichlorobenzene	71.9	78.5	-	UJ	12-14
BA50555	1,4-Dichlorobenzene	71.2	79.1	-	UJ	12-14
BA50555	Bromomethane	27.3	28.4	-	UJ	12-14
BA50555	Chlorobenzene	85.8	84.1	-	UJ	12-14
BA50555	Chloromethane	34.0	34.3	-	UJ	12-14
BA50555	p-Ethyltoluene	81.8	76.9	-	UJ	12-14
BA50555	Tetrachloroethene	47.3	45.4	-	UJ	12-14
BA50555	Trichloroethene	79.7	76.1	-	UJ	12-14
BA50555	Vinyl chloride	62.2	60.4	-	UJ	12-14
BA50577	Acetone	194	163	-	JH	1, 5, 8, 11
BA50577	Methylene chloride	-	-	33.0	UJ	1, 2, 5, 7-11
BA50577	Methyl acetate	-	-	40.8	UJ	1, 2, 5, 7-11
BA50635	Acetone	257	234	-	JH	3, 4, 6

The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but was not detected in the associated samples, so no further action is required.

MS/MSD
All criteria were met except the %Rec and/or the %RPD of all target analytes except the ones listed below were outside QC limits in DUSR ID#6MS/MSD and should be as estimated in DUSR ID#6 and #6MS/MSD.

1,2,4-Trimethylbenzene	1,4-Dioxane	2-Butanone
2-Hexanone	4-Methyl-2-pentanone	Acetone
Acrylonitrile	Bromomethane	Chloroethane
Chloromethane	Methyl acetate	Methyl tert butyl ether
Methylene chloride	tert-Butyl alcohol	

COMPOUND QUANTITATION
All criteria were met except a couple of target analytes were detected in the sample blanks but

were not detected in the associated samples, so no further action is required.

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the initial calibrations and/or the second source calibration verifications and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/SSCV Instrument	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICal VOA No.3	1,2-Dibromoethane	RRF	UJ/J	BA50577, 1, 2, 5, 7-11
SSCV VOA No. 3	Acetone	61.7	UJ/J	BA50577, 1, 2, 5, 7-11
SSCV VOA No. 3	Acrolein	-31.8	UJ/J	BA50577, 1, 2, 5, 7-11
SSCV VOA#11 12/14/24	1,4-Dioxane	75.7	UJ/J	BA50635, 3, 4, 6, 6MS/MSD
SSCV VOA#11 12/14/24	Acrolein	-66.2	UJ/J	BA50635, 3, 4, 6, 6MS/MSD
ICal MSVOA7	1,2-Dibromoethane	RRF	UJ/J	BA50555, 12-14
ICal MSVOA7	1,4-Dioxane	RRF	UJ/J	BA50555, 12-14
SSCV MSVOA7	Acrolein	-82.5	UJ/J	BA50555, 12-14
SSCV MSVOA7	m&p-Xylene	20.6	UJ/J	BA50555, 12-14
SSCV MSVOA7	Tetrachloroethene	-44.3	UJ/J	BA50555, 12-14
SSCV MSVOA7	Styrene	21.3	UJ/J	BA50555, 12-14

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1011-CCV1	1,2-Dibromoethane	RRF	UJ/J	BA50555, 12-14
S5A1011-CCV1	1,4-Dioxane	RRF	UJ/J	BA50555, 12-14
S5A1011-CCV1	Acetone	48.3	UJ/J	BA50555, 12-14
S5A1011-CCV1	Bromomethane	-68.7	UJ/J	BA50555, 12-14
S5A1011-CCV1	Chloromethane	-54.9	UJ/J	BA50555, 12-14
S5A1011-CCV1	Tetrachloroethene	-44.9	UJ/J	BA50555, 12-14
S5A1208-CCV1	1,2-Dibromoethane	RRF	UJ/J	BA50577, 1, 2, 5, 7-11
S5A1208-CCV1	Vinyl chloride	-32.7	UJ/J	BA50577, 1, 2, 5, 7-11
S5A1208-CCV1	Chloromethane	-40.5	UJ/J	BA50577, 1, 2, 5, 7-11
S5A1208-CCV1	Dichlorodifluoromethane	-66.7	UJ/J	BA50577, 1, 2, 5, 7-11
S5A1315-CCV1	Acetone	52.9	UJ/J	BA50635, 3, 4, 6, 6MS/MSD
S5A1315-CCV1	1,4-Dioxane	74.8	UJ/J	BA50635, 3, 4, 6, 6MS/MSD
S5A1315-CCV1	Chloromethane	-36.9	UJ/J	BA50635, 3, 4, 6, 6MS/MSD
S5A1315-CCV1	Dichlorodifluoromethane	-58.8	UJ/J	BA50635, 3, 4, 6, 6MS/MSD

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Method Blank, Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of 2-Fluorobiphenyl and 2,4,6-Tribromophenol was outside QC limits, low in DUSR ID#13. The following target analytes should be qualified as estimated in this sample.

2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	2,3,4,6-Tetrachlorophenol
2,4-Dinitrophenol	4-Nitrophenol	4,6-Dinitro-2-methylphenol
4-Nitroaniline	2-Chloronaphthalene	4-Chlorophenyl phenyl ether
Dibenzofuran	Diethyl phthalate	Dimethyl phthalate
2,4-Dinitrotoluene	2,6-Dinitrotoluene	Hexachlorocyclopentadiene
2-Nitroaniline	3-Nitroaniline	

The %Rec of 2,4,6-Tribromophenol was outside QC limits, low in DUSR ID#1 and #5. The following target analytes should be qualified as estimated in this sample.

2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	2,3,4,6-Tetrachlorophenol
2,4-Dinitrophenol	4-Nitrophenol	4,6-Dinitro-2-methylphenol
Pentachlorophenol		

The %Rec was outside QC limits, high in 1,4-Dioxane-d_8 in DUSR ID#2 and #4. The associated target analyte was not detected in these samples, so no further action is required.

The %Rec of a couple of surrogates were outside QC limits due to dilution, so no further action is required.

METHOD BLANK
All the criteria were met except a target analyte was detected in the blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(mg/kg)	Qualifier	Associated Sample
BA50685	Indeno(1,2,3-cd)pyrene	.0209	JH	1-7

Several target analytes were detected in the blank but were not detected in the associated samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	%Rec LCSD	RPD	Qualifier	Associated Sample
BA50677-BS1	4-Nitrophenol	0	0	-	R	12, 13
BA50677-BS2	Hexachlorobutadiene	0	0	-	R	12, 13
BA50677-BS2	Hexachloroethane	0	0	-	R	12, 13
BA50677-BS2	Nitrobenzene	0	0	-	R	12, 13
BA50677-BS2	N-Nitrosodimethylamine	0	0	-	R	12, 13
BA50677-BS2	Pentachlorophenol	0	0	-	R	12, 13
BA50677-BS1	n-Nitrosodiphenylamine	-	-	22.6	UJ	12, 13
BA50677-BS1	4,6-Dinitro-2-methylphenol	-	-	33.9	UJ	12, 13
BA50677-BS1	4-Bromophenyl phenyl ether	-	-	35.1	UJ	12, 13
BA50677-BS1	4-Nitroaniline	-	-	29.1	UJ	12, 13
BA50677-BS1	Pyridine	-	-	40.1	UJ	12, 13

The %Rec of a target analyte was outside QC limits, high in a laboratory control sample. This target analyte was not detected in the associated samples, so no further action is required.

MS/MSD

All the criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #6MS	%Rec #6MSD	RPD	Qualifier	Associated Sample
3,3'-Dichlorobenzidine	0	0	-	R	6
4-Nitroaniline	-	-	66.0	UJ	6
3-Nitroaniline	-	-	74.9	UJ	6
2,4-Dinitrophenol	-	-	111	UJ	6
4,6-Dinitro-2-methylphenol	-	-	111	UJ	6
4-Chloroaniline	-	-	56.3	UJ	6
Aniline	-	-	69.8	UJ	6
Benzo(a)pyrene	195	-2.26	35.2	J	6
Benzo(b)fluoranthene	-	-190	41.8	J	6

Target Analyte	%Rec #6MS	%Rec #6MSD	RPD	J	Associated Sample
Benzo(g,h,i)perylene	-	-42.8	44.8	J	6
Benzo(k)fluoranthene	-265	-245	-	J	6
Dibenzo(a,h)anthracene	-	-9.05	46.7	J	6
Fluoranthene	-266	-473	-	J	6
Hexachlorocyclopentadiene	-	-	70.2	UJ	6
Indeno(1,2,3-cd)pyrene	173	-12.3	40.8	J	6
Phenanthrene	-77.6	-157	-	J	6
Pyrene	-168	-315	-	J	6

The %Rec of some target analytes were outside QC limits in the matrix spike or the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except a target analyte was detected in a sample blank but was not detected in the associated samples, so no further action is required.

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the initial calibration and/or the second source calibration verification. These target analytes should be qualified as estimated in the associated blanks, samples and spikes.

Ical/ICV instrument or ID	Target Analyte	RRF/%RSD/%D	Qualifier	Associated Sample
ICal BNA#7	1,2,4,5-Tetrachlorobenzene	37.0	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
ICal BNA#7	2,4-Dinitrophenol	45.0	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
ICal BNA#7	Acetophenone	30.5	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
SSCV BNA#7	2,3,4,6-Trichlorophenol	35.3	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
SSCV BNA#7	4,6-Dinitro-2-methylphenol	61.1	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
SSCV BNA#7	N-nitroso-di-n-propylamine	32.6	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
SSCV BNA#7	N-Nitrosodiphenylamine	34.1	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
ICal MSBNA9	2,4-Dinitrophenol	44.8	UJ/J	BA50685, 6MS/MSD
ICal MSBNA9	4,6-Dinitro-2-methylphenol	45.9	UJ/J	BA50685, 6MS/MSD

Ical/ICV instrument or ID	Target Analyte	RRF/%RSD/%D	Qualifier	Associated Sample
SSCV MSBNA9	2,3,4,6-Trichlorophenol	35.5	UJ/J	BA50685, 6MS/MSD
SSCV MSBNA9	4,6-Dinitro-2-methylphenol	51.9	UJ/J	BA50685, 6MS/MSD
SSCV MSBNA9	2,4-Dinitrotoluene	21.6	UJ/J	BA50685, 6MS/MSD
SSCV MSBNA9	2-Nitrophenol	33.7	UJ/J	BA50685, 6MS/MSD
SSCV MSBNA9	Pentachlorophenol	55.0	J	BA50685, 6MS/MSD
SSCV MSBNA9	Benzidine	55.9	UJ	BA50685-BLK
ICal BNA#4	Benzoic acid	26.2	UJ	1-11
SSCV BNA#4	2,4-Dimethylphenol	-32.9	UJ	1-11
SSCV BNA#4	Hexachlorocyclopentadiene	-53.9	UJ	1-11
ICal BNA#5	Benzo(a)anthracene	20.5	UJ/J	BA50677-BLK2/BS2, 12, 13
ICal BNA#5	Dibenzo(a,h)anthracene	25.2	UJ/J	BA50677-BLK2/BS2, 12, 13
ICal BNA#5	Indeno(1,2,3-cd)pyrene	24.6	UJ/J	BA50677-BLK2/BS2, 12, 13
SSCV BNA#5	Nitrobenzene	-54.0	UJ	BA50677-BLK2/BS2, 12, 13

Alternate forms of regression were performed on target analytes in which the %RSD >20%, with acceptable results.
Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1441-CCV1	2,4,6-Trichlorophenol	39.4	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	2,3,4,6-Tetrachlorophenol	64.6	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	4-Nitrophenol	76.6	UJ	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	N-nitrosodi-n-propylamine	50.7	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1441-CCV1	2,4-Dinitrophenol	77.9	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	2,4-Dinitrotoluene	25.7	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	2,6-Dinitrotoluene	26.5	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	2-Nitroanline	25.1	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	3-Nitroaniline	31.5	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1441-CCV1	4,6-Dinitro-2-methylphenol	55.9	UJ/J	BA50677-BLK1, BS1/BSD1, 12, 13
S5A1434-CCV1	2,4-Dinitrotoluene	2.7	UJ	1-11
S5A1434-CCV1	4-Nitrophenol	72.6	UJ	1-11
S5A1434-CCV1	Benzoic acid	-91.5	UJ	1-11
S5A1434-CCV1	Bis(2-chloroisopropyl)ether	-57.8	UJ	1-11
S5A1434-CCV1	Hexachlorocyclopentadiene	-91.3	UJ	1-11
S5A1434-CCV1	4-Bromophenyl phenyl ether	22.7	UJ	1-11
S5A1434-CCV1	Hexachlorobutadiene	31.1	UJ	1-11
S5A1443-CCV1	2,3,4,6-Tetrachlorophenol	28.4	UJ/J	BA50685, 6MS/MSD
S5A1443-CCV1	2,4-Dinitrotoluene	31.1	UJ/J	BA50685, 6MS/MSD
S5A1443-CCV1	2,6-Dinitrotoluene	23.0	UJ/J	BA50685, 6MS/MSD
S5A1443-CCV1	Benzoic acid	59.8	J	BA50685, 6MS/MSD
S5A1443-CCV1	2-Nitrophenol	30.8	UJ/J	BA50685, 6MS/MSD
S5A1443-CCV1	4,6-Dinitro-2-methylphenol	94.7	UJ/J	BA50685, 6MS/MSD
S5A1443-CCV1	Benzidine	41.5	UJ	BA50685-BLK
S5A1443-CCV1	4-Nitrophenol	40.2	UJ/J	BA50685, 6MS/MSD

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1443-CCV1	Pentachlorophenol	73.2	J	BA50685, 6MS/MSD
S5A1443-CCV1	2,4-Dinitrophenol	120	UJ/J	BA50685, 6MS/MSD
S5A1436-CCC1	Pentachlorophenol	-94.1	UJ	BA50677-BLK2/BS2, 12, 13

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK
All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec DCBP was outside QC limits, low off column 2 in DUSR ID#13. Column 2 was confirmatory, so no further action is required.
The %Rec of TCMX was outside QC limits, low off column 2 in BA50563-BS1. Column 2 was confirmatory, so no further action is required.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met except 4,4'-DDE, Methoxychlor and 4,4'-DDD were detected in DUSR ID#4 but were not detected in #11.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met.

COMPOUND QUANTITATION
All criteria were met except the RPD of some of the target analytes was outside QC limits between the columns in some of the samples and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
Methoxychlor	J	4
4,4'-DDT	J	7

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D column1	%D column2	Qualifier	Associated Sample
S5A1012-CCV2	Chlordane	33.1	-	UJ	BA50563-BLK
S5A1012-CCV3	Toxaphene	59.6	-	UJ	BA50563-BLK
S5A1313-CCV3	Toxaphene	33.4	-	UJ	12, 13
S5A1313-CCV6	4,4'-DDT	32.1	28.9	UJ	12, 13
S5A1313-CCV6	Methoxychlor	38.7	35.7	UJ	12, 13
S5A1321-CCV2	Chlordane	-	-35.3	UJ	BA50684-BLK
S5A1321-CCV3	Toxaphene	25.7	-	UJ	BA50684-BLK
S5A1321-CCV5	4,4'-DDT	32.8	26.9	UJ/J	BA50684-BLK, BA50640-BS
S5A1321-CCV5	Methoxychlor	34.7	30.9	UJ	BA50684-BLK
S5A1413-CCV2	Chlordane	39.2	-	UJ	BA50640-BLK, 10, 11
S5A1413-CCV3	Toxaphene	65.6	-	UJ	BA50640-BLK, 10, 11
S5A1461-CCV2	Chlordane	32.6	-	UJ	BA506706-BLK, 6
S5A1461-CCV3	Toxaphene	51.9	-	UJ	BA506706-BLK, 6
S5A1520-CCV3	Toxaphene	40.1	-	UJ	1-5, 7-9

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation

- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Laboratory Control Sample.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec DCBP was outside QC limits, low off both columns in DUSR ID#13. All target analytes in this sample should be qualified as estimated.
The %Rec of TCMX was outside QC limits, low off column 2 in BA50563-BLK2/BS2. Column 2 was confirmatory, so no further action is required.
The %Rec of DCBP was outside QC limits, low off column 2 in DUSR ID#12. Column 2 was the confirmatory column in this sample, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Aroclor 1016 off column 2 was outside QC limits, low in BA50563-BS2 and should be qualified as estimated. Column 2 was confirmatory in the associated samples, so no further action is required.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes and TCMX with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All the criteria were met.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation

- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except the initial calibration results obtained using MassHunter were not included in the original package. Those pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of some surrogates was outside QC limits and should be qualified as estimated.

Surrogate	Associate Target Analyte	Qualifier	Associated Sample
MPFBA	PFBA	UJ	5, 11
MPFBA <10%	PFBA	R	BA50650, BA50651, BA50775-BS2, 9, 12, 13, 6MS
M2PFTeDA	PFTeDA, PFTrDA	J	3-5, 11
M8PFOS	PFHpS, PFOS, PFNS, PFDS, PFDoS	UJ/J	4
M2-4:2FTS	4:2FTS	UJ	1-5, 11
M2-6:2FTS	6:2FTS	UJ/J	1-5, 7, 11, 6MSD
M2-8:2FTS	8:2FTS	UJ/J	1-8, 11, 6MS/MSD
d-N-MeFOSA	NMeFOSA	UJ/J	1-5, 7, 9, 11

Surrogate	Associate Target Analyte	Qualifier	Associated Sample
d-N-NEtFOSA	NEtFOSA	UJ/J	1-11
d9-NEtFOSE	NEtFOSE	UJ/J	1-5, 7, 11
d7-NMeFOSE	NMeFOSE	UJ	1-5, 7, 11

BLANKS
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met except PFUnDA, NMeFOSAA and NMeFOSA were detected in DUSR ID#4 but was not detected in #11.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50775-BS1	11Cl-PF3Ouds	58.2	UJ	6, 10, 11
BA50775-BS1	PFDoS	69.1	UJ	6, 10, 11
BA50775-BS2	11Cl-PF3Ouds	49.2	UJ	6, 10, 11
BA50775-BS2	9Cl-PF3ONS	64.2	UJ	6, 10, 11
BA50775-BS2	FHpPA	56.9	UJ	6, 10, 11
BA50775-BS2	NEtFOSA	68.4	UJ	6, 10, 11
BA50775-BS2	PFMPA	17.8	UJ	6, 10, 11
BA50775-BS2	PFHpA	69.5	UJ	6, 10, 11
BA50775-BS2	PFDS	69.1	UJ/J	6, 10, 11
BA50775-BS2	PFDoS	44.1	UJ	6, 10, 11
BA50775-BS2	PFNA	62.9	UJ	6, 10, 11
BA50650-BS1	FPrPA	60.1	UJ	12, 13
BA50650-BS1	PFMPA	12.0	UJ	12, 13
BA50650-BS1	PFDoS	60.5	UJ	12, 13
BA50650-BS2	FPrPA	64.3	UJ	12, 13
BA50650-BS2	PFDS	63.5	UJ	12, 13
BA50650-BS2	PFMPA	8.43	UJ	12, 13
BA50650-BS2	PFDoS	52.6	UJ	12, 13
BA50650-BS2	PFDoA	67.8	UJ	12, 13
BA50650-BS2	PFBA	52.3	UJ	12, 13
BA50651-BS1	FPrPA	69.2	UJ	1-5, 7-9
BA50651-BS1	PFMPA	13.0	UJ	1-5, 7-9
BA50651-BS1	PFDoS	66.8	UJ	1-5, 7-9
BA50651-BS2	FPrPA	58.8	UJ	1-5, 7-9

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50651-BS2	PFMPA	7.90	UJ	1-5, 7-9
BA50651-BS2	PFDoS	53.8	UJ	1-5, 7-9
BA50651-BS2	PFBA	48.9	UJ	1-5, 7-9

MS/MSD

All the criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #6MS	%Rec #6MSD	RPD	Qualifier	Associated Sample
PFMPA	20.1	-	125	UJ	6
PFDoS	67.2	64.8	-	UJ	6

The %Rec of some target analytes was outside QC limits in the matrix spike of the matrix spike duplicate but not both, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all of the target analytes with acceptable results except where noted above.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
S5A1460-CCV1	FPrPA	37.1	UJ/J	BA50651
S5A1460-CCV2	FHpPA	30.2	UJ/J	BA50651, BA50650-BS2
S5A1460-CCV2	FPrPA	32.5	UJ/J	BA50651, BA50650-BS2
S5A1460-CCV4	FPrPA	36.5	UJ	12, 13
S5A1460-CCV5	FPrPA	37.7	UJ	12, 13
S5A1460-CCV5	PFNS	34.7	UJ	12, 13
S5A1460-CCV6	FPrPA	32.9	UJ	1, 2
S5A1460-CCV7	FPrPA	32.9	UJ	1-5, 7-9
S5A1460-CCV8	PFDS	30.3	UJ	3-5, 7-9
S5A1460-CCV8	PFNS	32.8	UJ	3-5, 7-9
S5A1460-CCVB	FPrPA	45.5	UJ/J	BA50775, 6, 10, 11, 6MS/MSD
S5A1460-CCVB	NFDHA	-31.0	UJ/J	BA50775, 6, 10, 11, 6MS/MSD
S5A1460-CCVC	FPrPA	43.3	UJ/J	BA50775, 6, 10, 11, 6MS/MSD
S5A1335-LCV1	PFOA	35.6	UJ/J	BA50650-BLK1/BS1

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
S5A1335-LCV1	NFDHA	-48.4	UJ/J	BA50650-BLK1/BS1
S5A1335-LCV1	PFDoS	-32.3	UJ/J	BA50650-BLK1/BS1
S5A1335-LCV1	NMeFOSA	57.4	UJ/J	BA50650-BLK1/BS1
S5A1460-LCV1	FPrPA	45.2	UJ/J	BA50651, 1-13, 6MS/MSD

METALS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Blanks
-Laboratory Control Sample
-MS/MSD/Duplicate
-Field Duplicate
-Serial Dilution
-Compound Quantitation
-Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD/Duplicate, Serial Dilution, Compound Quantitation and Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

BLANKS

All criteria were met except a couple of target analytes were detected in the blanks and should be qualified in the associated sample, if detected.

Blank ID	Target Analyte	Concentration(ug/ml)	Qualifier	Associated Sample
BA50797-BLK	K	11.9mg/kg	JH	8-11
S5A1518-ICB1	K	.139	JH	8-11
S5A1518-CCB1	K	.078	JH	8-11
S5A1518-CCB2	K	.100	JH	8-11
S5A1405-ICB1	K	.230	JH	12, 12DUP
S5A1405-CCBC	K	.287	JH	12, 12DUP
S5A1405-CCBD	K	.108	JH	12, 12DUP
S5A1405-CCBC	Ca	.0709	JH	12, 12DUP
S5A1405-CCBD	Ca	.0556	JH	12, 12DUP

LABORATORY CONTROL SAMPLE

All criteria were met except a couple of target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50687	Na	134	JH	12
BA50710	Sb	27.1	UJ	1-7
BA50797	Sb	23.5	UJ	8-11
BA50797	Ag	56.5	JH	8, 10, 11

MS/MSD/DUPLICATE

All criteria were met except several target analytes were outside QC limits in the matrix spikes and duplicate and should be qualified as estimated.

MS/Duplicate ID	Target Analyte	%Rec MS	%RPD DUP	Qualifier	Associated Sample
6	Sb	33.2	-	UJ	6, 6DUP
6	Cu	136	-	JH	6, 6DUP
6	Mn	135	-	JH	6, 6DUP
6	Zn	130	-	JH	6, 6DUP
6	Al	-	22.4	J	6, 6DUP
6	Be	-	21.3	J	6, 6DUP
6	Fe	-	22.7	J	6, 6DUP
12	K	-	43.5	J	12, 12DUP
6	Hg	-	51.7	J	6, 6DUP

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

All criteria were met except several target analytes were outside QC limits in the serial dilutions and should be qualified as estimated.

SD ID	Target Analyte	%D	Qualifier	Associated Sample
6	Ca	22.4	J	6, 6DUP
6	Co	22.2	J	6, 6DUP
6	Pb	20.5	J	6, 6DUP
6	Mg	23.4	J	6, 6DUP
6	Mn	20.1	J	6, 6DUP
6	Zn	22.9	J	6, 6DUP
12	K	298	J	12, 12DUP

COMPOUND QUANTITATION

All criteria were met except several target analyte were detected in the sample blanks and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration(mg/L)	Qualifier	Associated Sample
12	Ca	.0952	JH	1-11
12	K	.242	JH	1-11
12	Na	.627	JH	2, 4-6, 8, 11
13	Ca	.143	JH	1-11

CALIBRATION

All criteria were met except the %Rec of several target analytes was outside QC limits in the calibrations. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D/%Rec	Qualifier	Associated Sample
SA51435-IFB1	As	.42	UJ/J	BA50710, 1-7, 6MS/DUP
S5A1518-IFB1	As	.90	UJ/J	BA50797, 8-11
S5A1405-IFB1	Cu	116	JH	BA50687-BS, 12MS
S5A1516-ICV1	Se	111	JH	BA50767-BS, 12
S5A1516-CCV2	Se	86.5	UJ/J	BA50767, 12, 13

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- Hexavalent Chromium
- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below.

CYANIDE
All criteria were met.

HEXAVALENT CHROMIUM
All criteria were met except DUSR ID#12 and #13 were analyzed outside hold time and should be qualified as estimated.
The %Rec was outside QC limits, low in DUSR ID#6MS/MSD and should be qualified as estimated. This target analyte should be qualified as estimated in DUSR ID#6.

%SOLIDS
All criteria were met.

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**0.0059**	J	mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/10/2025 22:30	scb
							Certifications:				

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Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**0.111**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.141**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.195	0.391	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.354**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.391	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**1.12**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**1.33**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**1.77**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**1.49**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**1.50**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.289**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0975	0.195	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.265**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**2.06**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.454**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**2.73**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.157**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.24**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**2.02**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**2.93**		mg/kg dry	0.0489	0.0975	2	EPA 8270E	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.6 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*120 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.4 %*		*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 12:22	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0617	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.122	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	0.213	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.220	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.230	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.246**		ug/kg dry	0.145	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.154**	J	ug/kg dry	0.120	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.172	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.226	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.465	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.170	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.180	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.872	0.884	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.878	0.893	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.931	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.414	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.465	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0721	0.465	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.465	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.219	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.692	0.872	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.707	0.931	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.362	0.879	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.286	0.870	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.202	0.879	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.226	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.144	0.223	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.738	1.16	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.44	5.82	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.74	5.82	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.711	2.33	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.209	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.811	2.33	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.230	0.233	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:21	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*115 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*107 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.9 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*98.2 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*116 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*101 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.8 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*63.4 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*139 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*108 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*83.9 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*116 %*	*25-150*

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*119 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*238 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*216 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*171 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*44.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*36.8 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*43.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
071940-30-2	**2,3-Dimethyl-6-(3-methyl-bu...**	**781**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:				
NA	**28-Nor-17 isomer RT19.21**	**793**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:				
NA	**Anthracene, 9-methyl- isome...**	**1400**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:				
NA	**Benzo[k]fluoranthene isomer...**	**1280**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 13:36	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0386	5	EPA 8081B	01/13/2025 08:48	01/14/2025 17:28	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:42	NF
						Certifications:				

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:21	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:21	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:21	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries		Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*92.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9420**		mg/kg dry	4.90	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.36**		mg/kg dry	1.47	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**20.9**		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.329**		mg/kg dry	0.049	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.294	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**651**		mg/kg dry	4.91	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.491	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**4.81**		mg/kg dry	0.392	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**18.6**		mg/kg dry	1.96	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**6730**		mg/kg dry	24.5	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**11.3**		mg/kg dry	0.491	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1420**		mg/kg dry	4.91	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**56.7**		mg/kg dry	0.491	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**7.22**		mg/kg dry	0.977	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**574**		mg/kg dry	4.91	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.494	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	49.1	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.45	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	0.977	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**33.1**		mg/kg dry	2.44	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0449**		mg/kg dry	0.0353	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: UIC001 **York Sample ID:** 25A0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 8:45 am	01/09/2025

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.12	0.24	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.012	0.024	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	0.024	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.018	0.036	1	EPA 8260D	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*114 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/10/2025 22:56	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.279**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.198**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.384	0.768	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**1.03**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.384	0.768	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**9.33**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**10.8**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**13.8**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**12.4**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**12.7**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.192	0.383	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**1.60**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**19.1**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**4.09**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.110**	J	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**31.7**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.441**		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**9.29**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**13.2**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**34.3**		mg/kg dry	0.961	1.92	20	EPA 8270E	01/13/2025 08:52	01/14/2025 15:21	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*47.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*109 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.3 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/16/2025 12:25	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*190 %*	S-08, S-HI	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.255	0.406	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.122	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.241	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.411	0.420	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.395	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.11**		ug/kg dry	0.383	0.427	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.434	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**0.584**		ug/kg dry	0.439	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**6.27**		ug/kg dry	0.455	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**2.00**		ug/kg dry	0.374	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**29.2**		ug/kg dry	0.287	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**2.42**		ug/kg dry	0.236	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.340	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.445	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.250	0.918	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.335	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.356	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.439	0.443	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.72	1.75	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.73	1.76	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.250	1.84	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.319	0.817	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.443	0.918	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.142	0.918	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.220	0.918	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.360	0.432	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	1.37	1.72	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	1.40	1.84	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.714	1.74	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.565	1.72	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.400	1.74	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.388	0.445	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.285	0.441	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.46	2.30	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	4.82	11.5	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	3.44	11.5	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.40	4.59	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.413	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.60	4.59	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.455	0.459	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 13:38	AM
							Certifications:	NELAC-NH2097			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3PFBS	*Surrogate: M3PFBS*	*121 %*			*25-150*						
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*76.5 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*121 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*128 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*112 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*94.8 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*75.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*89.3 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*149 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*132 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*71.1 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.8 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*96.6 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*268 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*213 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*231 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*33.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*28.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*35.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*43.2 %*			*25-150*						

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000203-64-5	**4H-Cyclopenta[def]phenanthr...**	**4850**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:				
NA	**9,10-Anthracenedione Isomer...**	**3760**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:				
NA	**Benzo[k]fluoranthene isomer...**	**14500**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:				
NA	**Fluoranthene, 2-methyl-isom...**	**1860**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:				
NA	**Phenanthrene, 1-methyl-isom... (01)**	**1790**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:				
NA	**Phenanthrene, 1-methyl-isom... (02)**	**1710**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:				
NA	**Pyrene, 1-methyl-isomer RT1...**	**1550**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:05	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.379	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0759	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:23	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0383	1	EPA 8082A	01/13/2025 08:48	01/13/2025 23:56	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*	*30-120*

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0455	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:28	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0455	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:28	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0455	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:28	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (L*	*74.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16500**		mg/kg dry	9.64	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	4.82	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**5.63**		mg/kg dry	2.89	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**50.9**		mg/kg dry	4.81	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.609**		mg/kg dry	0.097	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.887**		mg/kg dry	0.579	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**4080**		mg/kg dry	9.64	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**33.8**		mg/kg dry	0.965	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.23**		mg/kg dry	0.771	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**115**		mg/kg dry	3.86	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**15500**		mg/kg dry	48.2	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**83.7**		mg/kg dry	0.965	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3020**		mg/kg dry	9.65	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**108**		mg/kg dry	0.965	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**26.2**		mg/kg dry	1.92	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1260**		mg/kg dry	9.65	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	4.82	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC002 **York Sample ID:** 25A0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:05 am	01/09/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.972	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**341**		mg/kg dry	96.4	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	4.82	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**66.1**		mg/kg dry	1.92	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**596**		mg/kg dry	4.80	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.346**		mg/kg dry	0.0694	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	1.16	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	1.16	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**43.2**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.074	0.15	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.015**	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.056**	CCVE, QL-02	mg/kg dry	0.0074	0.015	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0074	0.015	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0037	0.0074	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*129 %*	IS-LO	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1486-75-5	**cyclododecane isomer**	**18**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Decane dimethyl isomer**	**19**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Decane trimethyl isomer**	**24**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Dodecane methyl isomer**	**30**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Ethyldecane isomer**	**36**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Heptadecane tetramethyl isomer**	**34**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Octane dimethyl isomer**	**83**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**pentadecane isomer**	**27**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**tridecane isomer**	**32**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Undecane dimethyl isomer**	**53**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Undecane methyl isomer (01)**	**16**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				
NA	**Undecane methyl isomer (02)**	**23**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 14:47	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.219	0.438	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.0961**	J	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.219	0.438	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.682**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**1.03**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**1.59**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.967**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**1.33**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.157**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.156**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**1.50**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.222**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**2.56**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0891**	J	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.924**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**1.05**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**2.13**		mg/kg dry	0.0548	0.109	2	EPA 8270E	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*95.3 %*	*19-110*

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.7 %*			*24-116*						

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/14/2025 08:42	01/15/2025 12:57	SS

Surrogate Recoveries		Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*110 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.145	0.231	1 Certifications: NELAC-NH2097 ,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.322**		ug/kg dry	0.0692	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.137	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**1.25**		ug/kg dry	0.234	0.239	1 Certifications: NELAC-NH2097 ,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.225	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**14.5**		ug/kg dry	0.218	0.243	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.247	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.250	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.259	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.495**		ug/kg dry	0.213	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**1.50**		ug/kg dry	0.163	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.428**		ug/kg dry	0.135	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.193	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.253	0.261	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.142	0.523	1 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**1.39**		ug/kg dry	0.191	0.261	1 Certifications: NELAC-NH2097 ,NJDEP-NY037	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:26	AM

Sample Information

Client Sample ID: **UIC003** **York Sample ID:** **25A0469-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.203	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
335-77-3	* **Perfluoro-1-decanesulfonic acid (PFDS)**	**0.382**	PF-CCV-H	ug/kg dry	0.250	0.252	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.980	0.993	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.986	1.00	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.142	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.182	0.465	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.252	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0810	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.125	0.523	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.205	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.777	0.980	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.794	1.05	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.406	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.321	0.977	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.227	0.988	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
79780-39-5	* **Perfluorododecanesulfonic acid (PFDoS)**	**1.17**		ug/kg dry	0.221	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.162	0.251	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 14:26	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.828	1.31	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.74	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.96	6.53	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.798	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.235	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.911	2.61	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.259	0.261	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 14:26	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*118 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*100 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*120 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*131 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*115 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*87.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*49.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*34.6 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*144 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*75.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*107 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*103 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*230 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*204 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*118 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*185 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*35.8 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*31.6 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*33.6 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.3 %*		*25-150*

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzo[e]pyrene isomer RT18.13**	**1180**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 14:35	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.216	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0433	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:40	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0218	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:10	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0260	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:35	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0260	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:35	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0260	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:35	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*83.6 %*	*21-150*

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5370**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.75	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.62**		mg/kg dry	1.65	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**16.9**		mg/kg dry	2.74	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.194**		mg/kg dry	0.055	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**626**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**8.24**		mg/kg dry	0.550	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.57**		mg/kg dry	0.439	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**15.5**		mg/kg dry	2.20	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**5440**		mg/kg dry	27.5	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**12.5**		mg/kg dry	0.550	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1130**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**41.6**		mg/kg dry	0.550	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**5.54**		mg/kg dry	1.10	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**409**		mg/kg dry	5.50	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	55.0	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**16.7**		mg/kg dry	1.10	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**53.1**		mg/kg dry	2.74	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:40	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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

Sample Information

Client Sample ID: UIC003 **York Sample ID:** 25A0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 9:29 am	01/09/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0396	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.660	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.660	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.8**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.068	0.14	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.012**	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.045**	CCVE, QL-02	mg/kg dry	0.0068	0.014	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0068	0.014	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0034	0.0068	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*123 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Decahydro pentamethylnaphth... (01)**	**22**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:				
NA	**Decahydro pentamethylnaphth... (02)**	**16**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:				
NA	**Dodecane trimethyl isomer**	**23**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:				
NA	**Hexadecane dimethyl isomer**	**28**	J	ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 15:13	SCB
							Certifications:				

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.419**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.116**	J	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.260	0.519	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**1.26**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.260	0.519	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**7.68**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**10.4**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**13.8**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**9.19**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**12.2**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.927**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.130	0.259	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**1.79**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**19.0**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**3.37**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.211**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**31.2**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.843**		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**7.45**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**15.8**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0650	0.130	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**29.2**		mg/kg dry	0.650	1.30	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:03	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*31.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*36.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/16/2025 12:42	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*144 %*	S-08, S-HI	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.171	0.273	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**1.27**		ug/kg dry	0.0818	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.162	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**1.49**		ug/kg dry	0.276	0.282	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**21.7**		ug/kg dry	0.258	0.287	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.292	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.295	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**1.02**		ug/kg dry	0.306	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**10.7**		ug/kg dry	0.252	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**8.58**		ug/kg dry	0.193	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**7.08**		ug/kg dry	0.159	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	**N-MeFOSAA**	**0.542**		ug/kg dry	0.228	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**0.814**		ug/kg dry	0.299	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.168	0.617	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**0.928**		ug/kg dry	0.225	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.239	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**0.755**	PF-CCV-H	ug/kg dry	0.295	0.298	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	*** 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**1.48**		ug/kg dry	1.16	1.17	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**2.12**		ug/kg dry	1.17	1.19	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.168	1.23	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.215	0.550	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.298	0.617	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0957	0.617	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.148	0.617	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.242	0.290	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.918	1.16	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.939	1.23	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.480	1.17	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: **UIC004** **York Sample ID:** **25A0469-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.380	1.15	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.269	1.17	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* **Perfluorododecanesulfonic acid (PFDoS)**	**1.91**		ug/kg dry	0.261	0.299	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.191	0.296	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.979	1.54	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.24	7.72	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.32	7.72	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.943	3.09	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* **N-MeFOSA**	**0.300**	J	ug/kg dry	0.278	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* **N-EtFOSE**	**3.87**		ug/kg dry	1.08	3.09	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.306	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:43	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*77.7 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*106 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*126 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*130 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*81.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*53.0 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*17.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*35.4 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*156 %*	PFSu-H	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*106 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*66.5 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*96.5 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*95.8 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*238 %*	PFSu-H	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*181 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*122 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*183 %*	PFSu-H	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*31.9 %*		*25-150*

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
936109-40-9	*Surrogate: d-N-EtFOSA*	*24.0 %*	PFSu-L		*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*95.6 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*25.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*30.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**11H-Benzo[b]fluorene isomer...**	**1070**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:				
NA	**Benzo[k]fluoranthene isomer...**	**4150**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:				
NA	**Fluoranthene, 2-methyl- iso...**	**1390**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:09	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00328**		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	**4,4'-DDE**	**0.00693**		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	**Methoxychlor**	**0.00295**	P	mg/kg dry	0.00257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.257	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0513	5	EPA 8081B	01/13/2025 08:48	01/14/2025 18:57	RJ
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*53.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0259	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:24	NF
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-120*

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:42	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:42	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:42	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*85.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8800**		mg/kg dry	6.52	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**11.0**		mg/kg dry	1.96	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**40.1**		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.339**		mg/kg dry	0.066	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**1.47**		mg/kg dry	0.391	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2290**		mg/kg dry	6.52	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.653	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.95**		mg/kg dry	0.521	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**68.3**		mg/kg dry	2.61	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**10400**		mg/kg dry	32.6	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**53.0**		mg/kg dry	0.653	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1920**		mg/kg dry	6.53	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**63.9**		mg/kg dry	0.653	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**21.4**		mg/kg dry	1.30	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**724**		mg/kg dry	6.53	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC004 **York Sample ID:** 25A0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:03 am	01/09/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.657	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**178**		mg/kg dry	65.2	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	3.26	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**73.7**		mg/kg dry	1.30	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**746**		mg/kg dry	3.25	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.154**		mg/kg dry	0.0470	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.783	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.983**		mg/kg dry	0.783	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**63.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.0080**		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.037**	ICVE, QL-02	mg/kg dry	0.0063	0.013	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0063	0.013	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	**Carbon disulfide**	**0.0036**	J	mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0031	0.0063	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/11/2025 00:15	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.116**	J	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.270	0.541	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.0993**	J	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.270	0.541	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.381**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.543**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.783**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.432**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.671**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.78**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.135	0.270	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.124**	J	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.832**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.153**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**1.54**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.277**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.404**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**1.04**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**1.23**		mg/kg dry	0.0677	0.135	2	EPA 8270E	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.4 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.7 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.9 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*111 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.2 %*		*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 13:32	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*		*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.182	0.290	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0870	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.172	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**0.416**		ug/kg dry	0.294	0.300	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.282	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**2.40**		ug/kg dry	0.274	0.305	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.310	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.313	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.764**		ug/kg dry	0.325	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**2.36**		ug/kg dry	0.268	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**12.9**		ug/kg dry	0.205	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**3.36**		ug/kg dry	0.169	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.243	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**0.397**		ug/kg dry	0.318	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.179	0.656	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* **Perfluoro-1-octanesulfonamide (FOSA)**	**0.371**		ug/kg dry	0.240	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.254	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.313	0.317	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.23	1.25	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.24	1.26	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.179	1.31	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.228	0.584	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.317	0.656	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.102	0.656	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.158	0.656	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.258	0.309	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.976	1.23	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.998	1.31	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.510	1.24	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.404	1.23	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.286	1.24	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.277	0.318	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.204	0.315	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.04	1.64	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.44	8.21	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.46	8.21	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	1.00	3.28	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.295	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	1.14	3.28	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* **N-EtFOSA**	**0.404**		ug/kg dry	0.325	0.328	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 14:59	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*116 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*106 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*92.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*112 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*117 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*140 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*94.3 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*68.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*30.3 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*18.0 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*139 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*108 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*87.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*123 %*		*25-150*

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*108 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*241 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*223 %*	PFSu-H		*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*111 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*177 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*34.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*30.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.7 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*33.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*45.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**1,1'-Biphenyl isomer RT12.31**	**1180**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:				
NA	**1-Cyclohexene isomer RT19.77**	**2160**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:				
053584-60-4	**28-Nor-17.alpha.(H)-hopane ...**	**2160**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 15:38	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.267	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0534	5	EPA 8081B	01/13/2025 08:48	01/14/2025 19:15	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0270	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:38	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0323	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:50	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0323	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:50	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0323	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:50	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*82.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7470**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	3.42	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**8.29**		mg/kg dry	2.05	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**27.7**		mg/kg dry	3.41	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.264**		mg/kg dry	0.069	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.944**		mg/kg dry	0.410	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2180**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**16.5**		mg/kg dry	0.684	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**6.47**		mg/kg dry	0.547	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**135**		mg/kg dry	2.74	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**8520**		mg/kg dry	34.2	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**49.0**		mg/kg dry	0.684	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC005 **York Sample ID:** 25A0469-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**2200**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**57.5**		mg/kg dry	0.684	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.9**		mg/kg dry	1.36	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**560**		mg/kg dry	6.84	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	3.42	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.689	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**158**		mg/kg dry	68.4	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	3.42	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**31.9**		mg/kg dry	1.36	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**267**		mg/kg dry	3.41	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:45	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0566**		mg/kg dry	0.0492	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.821	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.821	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**60.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: **UIC005** **York Sample ID:** **25A0469-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:30 am	01/09/2025

Sample Information

Client Sample ID: **UIC006** **York Sample ID:** **25A0469-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.060	0.12	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.014**	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.062**	CCVE, QL-02	mg/kg dry	0.0060	0.012	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0060	0.012	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0060	0.012	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0030	0.0060	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0090	0.018	1	EPA 8260D	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.4 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*			*76-130*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:42	01/11/2025 15:39	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.284**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0754**	J	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.236	0.472	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.860**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.236	0.472	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**4.83**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**4.64**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**5.62**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**4.71**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**4.78**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.259**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.118	0.235	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**1.15**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**8.89**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**1.80**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.129**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**16.8**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.448**		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3.68**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**8.27**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0591	0.118	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**15.8**		mg/kg dry	0.591	1.18	20	EPA 8270E	01/13/2025 08:52	01/15/2025 12:34	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*45.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.9 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 13:48	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*118 %*	*39-127.5*

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.159	0.253	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0759	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.150	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	0.262	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.246	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.239	0.266	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.273	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.284	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.233	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**0.198**	J	ug/kg dry	0.179	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.147	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.212	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.278	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.156	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.209	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.273	0.276	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	1.07	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.08	1.10	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.156	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.199	0.510	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.276	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0888	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.137	0.573	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.225	0.269	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.852	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.871	1.15	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.445	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.352	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
919005-14-4	* ADONA	ND		ug/kg dry	0.249	1.08	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND	PF-LCS-L	ug/kg dry	0.242	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.178	0.275	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 12:43	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.908	1.43	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.00	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.15	7.16	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.875	2.86	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.258	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.998	2.86	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.284	0.286	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 12:43	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*93.9 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*92.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*62.9 %*	*10-150*

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*87.0 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*134 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*113 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*101 %*			*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*118 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*123 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*132 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*161 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*110 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.6 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*47.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*65.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*70.4 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
000949-41-7	**1H-Cyclopropa[l]phenanthren...**	**956**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:				
053584-60-4	**28-Nor-17.alpha.(H)-hopane ...**	**1410**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:				
000203-64-5	**4H-Cyclopenta[def]phenanthr...**	**2480**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:				
NA	**9,10-Anthracenedione Isomer...**	**2130**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:				
NA	**Benzo[k]fluoranthene isomer...**	**7360**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:				
NA	**Des-d-dammaran-13-one isome...**	**1450**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:				
NA	**Fluoranthene, 2-methyl- iso...**	**961**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:08	SS
							Certifications:				

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PEST, 8081 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.235	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0471	5	EPA 8081B	01/14/2025 07:26	01/14/2025 21:22	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.9 %*	*30-150*

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0238	1	EPA 8082A	01/14/2025 07:26	01/14/2025 12:30	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0282	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:57	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0282	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:57	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0282	1	EPA 8151A	01/13/2025 07:00	01/14/2025 16:57	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*94.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4640**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.26**		mg/kg dry	1.79	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**17.2**		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.160**		mg/kg dry	0.060	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/kg dry	0.358	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**1510**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**9.40**		mg/kg dry	0.597	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**3.17**		mg/kg dry	0.477	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**25.2**		mg/kg dry	2.39	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**5040**		mg/kg dry	29.8	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**17.6**		mg/kg dry	0.597	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1210**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**40.1**		mg/kg dry	0.597	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**9.59**		mg/kg dry	1.19	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**361**		mg/kg dry	5.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.601	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**134**		mg/kg dry	59.7	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.98	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**39.0**		mg/kg dry	1.19	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**64.7**		mg/kg dry	2.97	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:47	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.193**		mg/kg dry	0.0430	1	EPA 7473	01/14/2025 13:46	01/15/2025 14:35	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.716	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: UIC006 **York Sample ID:** 25A0469-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:07 am	01/09/2025

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.716	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**69.8**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0058	0.012	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0029	0.0058	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260D	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/11/2025 00:41	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.185	0.369	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.106**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.369	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.681**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**1.16**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**1.52**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.989**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**1.17**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0855**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0922	0.184	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**0.157**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**1.50**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**0.218**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**2.34**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.0486**	J	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, CCVE	mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.918**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**0.885**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**2.01**		mg/kg dry	0.0462	0.0922	2	EPA 8270E	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*	*19-110*

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.4 %*			*24-116*						

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/10/2025 09:02	01/13/2025 16:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*94.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0625**	J	ug/kg dry	0.0592	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.204	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.213	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**0.260**		ug/kg dry	0.221	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**0.837**		ug/kg dry	0.182	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**1.22**		ug/kg dry	0.140	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**1.50**		ug/kg dry	0.115	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.165	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.233**	J	ug/kg dry	0.122	0.447	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.223	1 Certifications:	EPA 1633 Draft 3 NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:15	AM

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.223	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.213	0.216	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.838	0.849	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.844	0.858	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.894	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0693	0.447	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.175	0.210	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.665	0.838	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.679	0.894	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.845	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.836	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.194	0.845	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.708	1.12	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.34	5.59	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.59	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.683	2.23	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.223	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:15	AM
							Certifications:	NELAC-NH2097			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.779	2.23	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.223	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:15	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*114 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*109 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*112 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*92.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*77.5 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*51.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*87.0 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*121 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*109 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*105 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*136 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*139 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*175 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*202 %*	PFSu-H	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*130 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*130 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*47.5 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*37.7 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*45.8 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*54.5 %*		*25-150*

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**Benzo[a]pyrene isomer RT18.14**	**1140**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 16:38	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	**4,4'-DDT**	**0.00214**	P	mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		mg/kg dry	0.182	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0365	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:16	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	01/13/2025 08:48	01/14/2025 00:51	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:04	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:04	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:04	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*78.4 %*	*21-150*

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4250**		mg/kg dry	4.66	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.70**		mg/kg dry	1.40	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**35.9**		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.189**		mg/kg dry	0.047	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**0.429**		mg/kg dry	0.280	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**662**		mg/kg dry	4.67	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**8.00**		mg/kg dry	0.467	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.81**		mg/kg dry	0.373	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**39.8**		mg/kg dry	1.87	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**7680**		mg/kg dry	23.3	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**21.4**		mg/kg dry	0.467	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**959**		mg/kg dry	4.67	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**133**		mg/kg dry	0.467	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**8.56**		mg/kg dry	0.929	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**573**		mg/kg dry	4.67	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	46.7	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**11.6**		mg/kg dry	0.929	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**140**		mg/kg dry	2.32	1	EPA 6010D	01/13/2025 14:42	01/14/2025 13:53	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

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

Sample Information

Client Sample ID: UIC007 **York Sample ID:** 25A0469-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 11:30 am	01/09/2025

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0587**		mg/kg dry	0.0336	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.560	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.560	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.3**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.015**		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.053**	ICVE, QL-02	mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/11/2025 01:07	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0969	0.194	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.5 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*98.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.8 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 16:38	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0619	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.190	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.227	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.467	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.171	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.234	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* **Perfluoro-1-decanesulfonic acid (PFDS)**	**1.12**	PF-CC V-H	ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.876	0.888	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.882	0.897	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.934	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.162	0.416	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.225	0.467	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0724	0.467	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.467	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.183	0.220	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.695	0.876	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.710	0.934	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.363	0.883	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.287	0.874	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.203	0.883	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.197	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:31	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.740	1.17	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.84	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.714	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.210	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.814	2.34	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:31	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*138 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*130 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*123 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*114 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*90.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*80.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*80.1 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*71.8 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*118 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*124 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*111 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*129 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*142 %*	*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*122 %*	*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*182 %*	*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*135 %*	*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*111 %*	*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*64.7 %*	*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*42.0 %*	*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*	*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.8 %*	*25-150*

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 17:07	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0383	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:33	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:05	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:11	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:11	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:11	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*93.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5020**		mg/kg dry	4.90	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.45	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.49**		mg/kg dry	1.47	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**22.8**		mg/kg dry	2.45	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.148**		mg/kg dry	0.049	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.294	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**681**		mg/kg dry	4.91	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**8.67**		mg/kg dry	0.491	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.27**		mg/kg dry	0.392	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**43.3**		mg/kg dry	1.96	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**6160**		mg/kg dry	24.5	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**6.55**		mg/kg dry	0.491	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1290**		mg/kg dry	4.91	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**48.2**		mg/kg dry	0.491	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**4.86**		mg/kg dry	0.977	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**553**	B	mg/kg dry	4.91	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.45	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.494	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**66.0**		mg/kg dry	49.1	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC008 **York Sample ID:** 25A0469-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:19 pm	01/09/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**13.9**		mg/kg dry	0.977	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**19.9**		mg/kg dry	2.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0353	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.589	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.589	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0048	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/11/2025 01:34	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270E	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*46.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.9 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 16:55	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0578	0.218	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
335-77-3	* **Perfluoro-1-decanesulfonic acid (PFDS)**	**0.653**	PF-CCV-H	ug/kg dry	0.208	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.819	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.824	0.838	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.873	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/12/2025 12:14	01/15/2025 15:47	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/12/2025 12:14	01/15/2025 15:47	AM

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.649	0.819	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.873	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.825	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.816	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.825	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.212	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.692	1.09	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.667	2.18	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.761	2.18	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	01/12/2025 12:14	01/15/2025 15:47	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*124 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*107 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*119 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*116 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*105 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*83.6 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*74.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*69.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*7.49 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*116 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*92.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*102 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*112 %*		*25-150*

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*122 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*104 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*120 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.4 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*48.9 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*45.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*102 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*49.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 17:37	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B	01/13/2025 08:48	01/15/2025 10:54	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	01/13/2025 08:48	01/14/2025 01:19	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*	*30-120*

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:18	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:18	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:18	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*93.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2420**		mg/kg dry	4.57	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.37	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**12.7**		mg/kg dry	2.28	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.108**		mg/kg dry	0.046	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**220**		mg/kg dry	4.58	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**4.18**		mg/kg dry	0.458	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**1.09**		mg/kg dry	0.366	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**27.6**		mg/kg dry	1.83	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**3610**		mg/kg dry	22.9	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**4.10**		mg/kg dry	0.458	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**559**		mg/kg dry	4.58	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**24.4**		mg/kg dry	0.458	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**2.10**		mg/kg dry	0.911	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**246**	B	mg/kg dry	4.58	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC009 **York Sample ID:** 25A0469-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:30 pm	01/09/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	45.8	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**6.98**		mg/kg dry	0.911	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**12.3**		mg/kg dry	2.28	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:37	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0539**		mg/kg dry	0.0329	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.549	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.549	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0097	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/11/2025 02:00	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.176	0.351	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.351	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0877	0.175	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0439	0.0877	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*105 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.2 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 17:13	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*124 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.189	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0566	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.33**		ug/kg dry	0.178	0.199	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**0.171**	J	ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.800	0.811	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.806	0.820	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.854	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0662	0.427	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.201	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.800	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.854	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.332	0.807	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.263	0.798	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.807	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	*** Perfluorododecanesulfonic acid (PFDoS)**	**0.185**	J, PF-LCS-L	ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.677	1.07	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.34	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.34	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.744	2.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:31	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*110 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*87.1 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*99.3 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*115 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*96.2 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*97.6 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*86.6 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*63.4 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*76.1 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*108 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*98.8 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*74.7 %*	*10-150*

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*118 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*140 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*93.2 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*52.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*43.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*85.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*56.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.1 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:06	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0347	5	EPA 8081B	01/12/2025 07:29	01/13/2025 15:34	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:07	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:25	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:25	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:25	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*88.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4060**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**1.49**		mg/kg dry	1.33	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**11.9**		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.165**		mg/kg dry	0.045	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**346**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**3.76**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**2.80**		mg/kg dry	0.355	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**10.3**		mg/kg dry	1.78	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**7030**		mg/kg dry	22.2	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**2.80**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1170**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC010 **York Sample ID:** 25A0469-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 1:45 pm	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**165**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**3.02**		mg/kg dry	0.884	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**291**	B	mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	44.4	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**8.80**		mg/kg dry	0.884	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**11.1**		mg/kg dry	2.21	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:38	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.031**		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**0.088**	ICVE, QL-02	mg/kg dry	0.0070	0.014	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0070	0.014	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260D	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/10/2025 12:21	01/11/2025 02:26	scb
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND	ICVE	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	**2-Methylnaphthalene**	**0.0857**	J	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.344**		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.0857**	J	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.259	0.517	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.759**		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.259	0.517	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**5.23**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**7.05**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**7.86**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**4.83**	E, A-01	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**12.2**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.05**		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.129	0.258	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	**Carbazole**	**1.13**		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**11.7**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	**Dibenzo(a,h)anthracene**	**2.00**		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	**Dibenzofuran**	**0.133**		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**19.8**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.585**		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.93**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **UIC00X** **York Sample ID:** **25A0469-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	**Phenanthrene**	**8.99**	A-01, E	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**15.2**	E, A-01	mg/kg dry	0.0648	0.129	2	EPA 8270E	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*28.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*27.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.4 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	01/10/2025 09:02	01/13/2025 17:31	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.174	0.277	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.607**		ug/kg dry	0.0829	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.164	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **UIC00X** **York Sample ID:** **25A0469-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**0.852**		ug/kg dry	0.280	0.286	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.269	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**17.8**		ug/kg dry	0.261	0.291	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.296	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.299	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.310	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**4.21**		ug/kg dry	0.255	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**8.37**		ug/kg dry	0.196	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	**Perfluorotetradecanoic acid (PFTA)**	**5.30**		ug/kg dry	0.161	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.232	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**0.351**		ug/kg dry	0.304	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.171	0.626	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* **Perfluoro-1-octanesulfonamide (FOSA)**	**0.558**		ug/kg dry	0.228	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.243	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* **Perfluoro-1-decanesulfonic acid (PFDS)**	**0.637**		ug/kg dry	0.299	0.302	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* **1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**1.87**		ug/kg dry	1.17	1.19	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**2.57**		ug/kg dry	1.18	1.20	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.171	1.25	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.218	0.557	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.302	0.626	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0970	0.626	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.150	0.626	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.246	0.294	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: **UIC00X** **York Sample ID:** **25A0469-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.931	1.17	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.951	1.25	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND	PF-LCS-L	ug/kg dry	0.487	1.18	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.385	1.17	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.272	1.18	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* **Perfluorododecanesulfonic acid (PFDoS)**	**3.19**	PF-LCS-L	ug/kg dry	0.264	0.304	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.194	0.300	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.992	1.56	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	3.28	7.82	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.35	7.82	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.956	3.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.282	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* **N-EtFOSE**	**2.06**	J	ug/kg dry	1.09	3.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.310	0.313	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 13:48	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*103 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*101 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*78.4 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*99.2 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*103 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*109 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*80.4 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*29.5 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*18.9 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*124 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*89.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*76.9 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*99.5 %*		*25-150*

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*107 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*207 %*	PFSu-H		*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*168 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*155 %*	PFSu-H		*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*30.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*28.2 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*87.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*32.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*44.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**1,1'-Biphenyl isomer RT12.33**	**1440**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				
000203-64-5	**4H-Cyclopenta[def]phenanthr...**	**3290**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				
NA	**9,10-Anthracenedione Isomer...**	**2230**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				
NA	**Benzo[k]fluoranthene isomer...**	**9000**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				
NA	**Des-d-dammaran-13-one isome...**	**1560**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				
NA	**Fluoranthene, 2-methyl- iso...**	**1270**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				
NA	**Phenanthrene isomer RT11.00**	**1050**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				
NA	**Phenanthrene isomer RT11.05**	**1150**	J	ug/kg dry			2	EPA 8270D	01/13/2025 08:52	01/14/2025 18:36	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.255	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0510	5	EPA 8081B	01/12/2025 07:29	01/13/2025 16:05	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0257	1	EPA 8082A	01/12/2025 07:29	01/13/2025 13:21	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:47	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:47	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0308	1	EPA 8151A	01/13/2025 07:00	01/14/2025 17:47	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*96.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8160**		mg/kg dry	6.52	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	3.26	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**11.1**		mg/kg dry	1.96	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**37.9**		mg/kg dry	3.25	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.313**		mg/kg dry	0.066	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	**Cadmium**	**1.03**		mg/kg dry	0.391	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2230**		mg/kg dry	6.52	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UIC00X

York Sample ID: 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**27.3**		mg/kg dry	0.653	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.82**		mg/kg dry	0.521	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**58.1**		mg/kg dry	2.61	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**9200**		mg/kg dry	32.6	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**84.7**		mg/kg dry	0.653	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1810**		mg/kg dry	6.53	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**57.2**		mg/kg dry	0.653	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**15.8**		mg/kg dry	1.30	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**539**	B	mg/kg dry	6.53	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	3.26	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/kg dry	0.657	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**144**		mg/kg dry	65.2	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.56	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**44.2**		mg/kg dry	1.30	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**434**		mg/kg dry	3.25	1	EPA 6010D	01/14/2025 14:40	01/15/2025 11:39	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.207**		mg/kg dry	0.0469	1	EPA 7473	01/14/2025 13:44	01/15/2025 14:25	DRS
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.782	1	EPA 7196A	01/13/2025 06:28	01/13/2025 11:18	SMM
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: UIC00X **York Sample ID:** 25A0469-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Soil	January 8, 2025 10:05 am	01/09/2025

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.782	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**63.9**		%	0.100	1	SM 2540G	01/10/2025 07:48	01/10/2025 13:22	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	QL-02	ug/L	0.273	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	ug/L	0.310	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	ug/L	0.347	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**1.41**		ug/L	0.245	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**15.0**		ug/L	0.243	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND	QL-02, CCVE	ug/L	0.372	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	QL-02	ug/L	0.346	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/10/2025 08:00	01/10/2025 12:09	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	QL-02	ug/L	5.00	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.8 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.5 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE, QL-02	ug/L	0.250	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE, QL-02	ug/L	0.250	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:16	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 14:11	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.449	1.69	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.678	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.783	1.78	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.496	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.706	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.659	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.754	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.983	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.220	3.82	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NJDEP-NY037			

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.869	1.82	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.25	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.33	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.315	7.64	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.477	3.40	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.239	3.82	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.725	1.79	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.64	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.22	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.668	7.14	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.506	7.22	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.888	1.85	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.821	1.83	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.77	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.00	23.9	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.04	23.9	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM
							Certifications:				

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:11	AM

Certifications:

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*121 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*116 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*124 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*111 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*112 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.1 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*4.12 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*113 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*75.8 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*105 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*109 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*95.4 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*91.9 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*116 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*94.3 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*102 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*111 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*84.3 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.8 %*		*25-150*

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/13/2025 08:33	01/14/2025 15:41	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:18	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:32	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:33	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:33	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:33	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*78.4 %*	*30-150*

Sample Information

Client Sample ID: **Field Blank 010825** **York Sample ID:** **25A0469-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**0.0952**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**0.242**		mg/L	0.0556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**0.627**	M-BS	mg/L	0.556	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/13/2025 09:00	01/13/2025 15:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	**Selenium**	**1.43**	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 010825 **York Sample ID:** 25A0469-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:17 pm	01/09/2025

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:01	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/14/2025 10:40	01/14/2025 10:40	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/09/2025 19:24	01/09/2025 21:22	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/10/2025 14:48	01/10/2025 18:30	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Equipment Blank 010825 **York Sample ID:** 25A0469-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	QL-02	ug/L	0.273	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	ug/L	0.310	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	ug/L	0.347	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**0.890**		ug/L	0.245	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**8.88**		ug/L	0.243	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	QL-02	ug/L	0.346	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/10/2025 08:00	01/10/2025 12:37	PD
							Certifications:				

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	QL-02	ug/L	5.00	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.9 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*18.9 %*	*10.1-41.7*

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.4 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*38.7 %*	S-08		*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*35.5 %*	S-08		*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*53.3 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Equipment Blank 010825 **York Sample ID:** 25A0469-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND	CCVE, ICVE, QL-02	ug/L	0.250	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE, QL-02	ug/L	0.250	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/13/2025 08:33	01/14/2025 15:46	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 14:28	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.515	1.94	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.384	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.778	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.745	2.01	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.460	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.899	2.04	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.570	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.822	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.24	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.964	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.811	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.756	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.866	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	1.13	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.252	4.38	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.964	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.997	2.09	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.45	2.12	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	8.22	8.33	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.25	8.42	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.362	8.77	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.548	3.90	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.35	4.38	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.274	4.38	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.406	4.38	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.833	2.06	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.96	8.22	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.54	8.77	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.51	8.29	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.767	8.20	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.581	8.29	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.02	2.13	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.943	2.10	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.22	5.48	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	8.03	27.4	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	10.4	27.4	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	4.37	21.9	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.73	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	4.37	21.9	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.97	2.19	1	EPA 1633 Draft 3	01/12/2025 10:45	01/15/2025 02:27	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*102 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*104 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*101 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*120 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*111 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*88.6 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*73.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*4.71 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*102 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*72.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*97.4 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*103 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*113 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*96.0 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*93.5 %*		*25-200*
13C9PFNA	*Surrogate: M9PFNA*	*104 %*		*25-150*
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*95.1 %*		*25-150*
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*		*25-150*
936109-40-9	*Surrogate: d-N-EtFOSA*	*96.9 %*		*25-150*
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*104 %*		*25-150*
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*79.9 %*		*25-150*
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*78.1 %*		*25-150*

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/13/2025 08:33	01/14/2025 16:11	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/10/2025 08:49	01/11/2025 02:35	RJ
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/10/2025 08:49	01/11/2025 00:46	NF
						Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.5 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*25.5 %*	S-GC, S-08	*30-150*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:40	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:40	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:40	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **Equipment Blank 010825** **York Sample ID:** **25A0469-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (L*	*96.8 %*			*30-150*					

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**0.143**		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/14/2025 08:46	01/14/2025 14:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Equipment Blank 010825 **York Sample ID:** 25A0469-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 12:45 pm	01/09/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND	M-BS, M-CCV 1	ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 13:05	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/14/2025 10:40	01/14/2025 10:40	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/09/2025 19:24	01/09/2025 21:22	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/10/2025 14:48	01/10/2025 18:30	SL
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Trip Blank 010825 **York Sample ID:** 25A0469-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Trip Blank 010825** **York Sample ID:** **25A0469-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND	QL-02	ug/L	0.273	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND	QL-02	ug/L	0.310	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND	QL-02	ug/L	0.215	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND	QL-02	ug/L	0.347	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.283	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Trip Blank 010825 **York Sample ID:** 25A0469-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.284	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Trip Blank 010825** **York Sample ID:** **25A0469-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0469	ORFD2301	Water	January 8, 2025 3:00 pm	01/09/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.200	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.444	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND	QL-02	ug/L	0.346	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/10/2025 08:00	01/10/2025 13:06	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.6 %*	*79-122*

York Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25A0469

Client : H2M architects + engineers

Client Project ID : ORFD2301

Prepared for : Stephen Kaplan

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 01/09/2025 4:30 PM

14 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{1.7}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
UIC001	25A0469-01	Soil	01/08/2025 8:45 AM	01/09/2025 4:30 PM
UIC002	25A0469-02	Soil	01/08/2025 9:05 AM	01/09/2025 4:30 PM
UIC003	25A0469-03	Soil	01/08/2025 9:29 AM	01/09/2025 4:30 PM
UIC004	25A0469-04	Soil	01/08/2025 10:03 AM	01/09/2025 4:30 PM
UIC005	25A0469-05	Soil	01/08/2025 10:30 AM	01/09/2025 4:30 PM
UIC006	25A0469-06	Soil	01/08/2025 11:07 AM	01/09/2025 4:30 PM
UIC007	25A0469-07	Soil	01/08/2025 11:30 AM	01/09/2025 4:30 PM
UIC008	25A0469-08	Soil	01/08/2025 1:19 PM	01/09/2025 4:30 PM
UIC009	25A0469-09	Soil	01/08/2025 1:30 PM	01/09/2025 4:30 PM
UIC010	25A0469-10	Soil	01/08/2025 1:45 PM	01/09/2025 4:30 PM
UIC00X	25A0469-11	Soil	01/08/2025 10:05 AM	01/09/2025 4:30 PM
Field Blank 010825	25A0469-12	Water	01/08/2025 12:17 PM	01/09/2025 4:30 PM
Equipment Blank 010825	25A0469-13	Water	01/08/2025 12:45 PM	01/09/2025 4:30 PM
Trip Blank 010825	25A0469-14	Water	01/08/2025 3:00 PM	01/09/2025 4:30 PM

WorkOrder Comments

Hex chrome arriving out of hold for the Field Blank and Equipment Blank

2.0 Methodology

Analysis Class	Preparation Method	Analysis Methodology
VOA	EPA 5030B	EPA 8260D
VOA	EPA 5035A	EPA 8260D
SVOA	EPA 3510C	EPA 8270D
SVOA	EPA 3510C	EPA 8270D SIM
SVOA	EPA 3550C	EPA 8270D SIM
SVOA	EPA 3510C	EPA 8270E
SVOA	EPA 3550C	EPA 8270E
SVOA	EPA 3535A	EPA 8270E SIM
PFAS	EPA 1633 Prep	EPA 1633 Draft 3
PEST	EPA 3550C	EPA 8081B
PEST	EPA SW846-3510C Low Level	EPA 8081B
ARO	EPA 3550C	EPA 8082A
ARO	EPA SW846-3510C Low Level	EPA 8082A
HERB	EPA 3550C/8151A	EPA 8151A
HERB	EPA 8151A	EPA 8151A
METALS	EPA 3015A	EPA 6010D
METALS	EPA 3050B	EPA 6010D
METALS	EPA 3015A	EPA 6020B
HG	EPA SW846-7470A	EPA 7470
HG	EPA 7473 soil	EPA 7473
WET	Analysis Preparation	EPA 7196A
WET	EPA SW846-3060	EPA 7196A
WET	Analysis Preparation Soil	EPA 9014/9010C
WET	% Solids Prep	SM 2540G
WET	Analysis Preparation	SM 4500 CN C-2016 / E-20

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
UIC001	EPA 1633 Draft 3	25A0469-01	Soil	M2-4:2 FTS	PFSu-H
UIC001	EPA 1633 Draft 3	25A0469-01	Soil	M2-6:2 FTS	PFSu-H
UIC001	EPA 1633 Draft 3	25A0469-01	Soil	M2-8:2 FTS	PFSu-H
UIC001	EPA 1633 Draft 3	25A0469-01	Soil	Perfluorotetradecanoic acid (PFTA)	J
UIC002	EPA 1633 Draft 3	25A0469-02	Soil	M2-4:2 FTS	PFSu-H
UIC002	EPA 1633 Draft 3	25A0469-02	Soil	M2-6:2 FTS	PFSu-H
UIC002	EPA 1633 Draft 3	25A0469-02	Soil	M2-8:2 FTS	PFSu-H
UIC003	EPA 1633 Draft 3	25A0469-03	Soil	M2-4:2 FTS	PFSu-H
UIC003	EPA 1633 Draft 3	25A0469-03	Soil	M2-6:2 FTS	PFSu-H
UIC003	EPA 1633 Draft 3	25A0469-03	Soil	M2-8:2 FTS	PFSu-H
UIC003	EPA 1633 Draft 3	25A0469-03	Soil	Perfluoro-1-decanesulfonic acid (PFDS)	PF-CCV-H
UIC004	EPA 1633 Draft 3	25A0469-04	Soil	d-N-EtFOSA	PFSu-L
UIC004	EPA 1633 Draft 3	25A0469-04	Soil	M2-4:2 FTS	PFSu-H
UIC004	EPA 1633 Draft 3	25A0469-04	Soil	M2-6:2 FTS	PFSu-H
UIC004	EPA 1633 Draft 3	25A0469-04	Soil	N-MeFOSA	J
UIC004	EPA 1633 Draft 3	25A0469-04	Soil	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	PFSu-H
UIC004	EPA 1633 Draft 3	25A0469-04	Soil	Perfluoro-1-decanesulfonic acid (PFDS)	PF-CCV-H
UIC005	EPA 1633 Draft 3	25A0469-05	Soil	M2-4:2 FTS	PFSu-H
UIC005	EPA 1633 Draft 3	25A0469-05	Soil	M2-6:2 FTS	PFSu-H
UIC005	EPA 1633 Draft 3	25A0469-05	Soil	M2-8:2 FTS	PFSu-H
UIC005	EPA 1633 Draft 3	25A0469-05	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
UIC006	EPA 1633 Draft 3	25A0469-06	Soil	11CL-PF3OUdS	PF-LCS-L
UIC006	EPA 1633 Draft 3	25A0469-06	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
UIC006	EPA 1633 Draft 3	25A0469-06	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
UIC006	EPA 1633 Draft 3	25A0469-06	Soil	Perfluorododecanesulfonic acid (PFDoS)	PF-LCS-L

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
UIC006	EPA 1633 Draft 3	25A0469-06	Soil	Perfluorotridecanoic acid (PFTrDA)	J
UIC007	EPA 1633 Draft 3	25A0469-07	Soil	M2-8:2 FTS	PFSu-H
UIC007	EPA 1633 Draft 3	25A0469-07	Soil	Perfluorohexanoic acid (PFHxA)	J
UIC007	EPA 1633 Draft 3	25A0469-07	Soil	Perfluoropentanoic acid (PFPeA)	J
UIC008	EPA 1633 Draft 3	25A0469-08	Soil	Perfluoro-1-decanesulfonic acid (PFDS)	PF-CCV-H
UIC009	EPA 1633 Draft 3	25A0469-09	Soil	Perfluoro-1-decanesulfonic acid (PFDS)	PF-CCV-H
UIC009	EPA 1633 Draft 3	25A0469-09	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
UIC010	EPA 1633 Draft 3	25A0469-10	Soil	11CL-PF3OUdS	PF-LCS-L
UIC010	EPA 1633 Draft 3	25A0469-10	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
UIC010	EPA 1633 Draft 3	25A0469-10	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
UIC010	EPA 1633 Draft 3	25A0469-10	Soil	Perfluorododecanesulfonic acid (PFDoS)	PF-LCS-L
UIC010	EPA 1633 Draft 3	25A0469-10	Soil	Perfluorododecanesulfonic acid (PFDoS)	J
UIC010	EPA 1633 Draft 3	25A0469-10	Soil	Perfluorotetradecanoic acid (PFTA)	J
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	11CL-PF3OUdS	PF-LCS-L
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	M2-4:2 FTS	PFSu-H
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	M2-6:2 FTS	PFSu-H
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	N-EtFOSE	J
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	Perfluorododecanesulfonic acid (PFDoS)	PF-LCS-L
UIC00X	EPA 1633 Draft 3	25A0469-11	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
Field Blank 010825	EPA 1633 Draft 3	25A0469-12	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
Equipment Blank 010825	EPA 1633 Draft 3	25A0469-13	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
	EPA 1633 Draft 3	BA50650-BS2	Water	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50650-BS2	Water	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50650-BS2	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	J

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 1633 Draft 3	BA50651-BS2	Soil	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	3-Perfluoropropyl propanoic acid (FPrPA)	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	ADONA	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50651-BS2	Soil	Perfluoro-n-butanoic acid (PFBA)	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	3-Perfluoroheptyl propanoic acid (FHpPA)	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	9CL-PF3ONS	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	ADONA	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	Perfluorododecanesulfonic acid (PFDoS)	J
	EPA 1633 Draft 3	S5A1460-CCB8	Water	d7-N-MeFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB8	Water	d9-N-EtFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB9	Water	d7-N-MeFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB9	Water	d9-N-EtFOSE	PFSu-H
UIC008	EPA 6010D	25A0469-08	Soil	Potassium	B
UIC009	EPA 6010D	25A0469-09	Soil	Potassium	B
UIC010	EPA 6010D	25A0469-10	Soil	Potassium	B
UIC00X	EPA 6010D	25A0469-11	Soil	Potassium	B
Field Blank 010825	EPA 6010D	25A0469-12	Water	Sodium	M-BS
	EPA 6010D	BA50797-SRM1	Soil	Potassium	B
Field Blank 010825	EPA 6020B	25A0469-12	Water	Selenium	M-CCV1
Field Blank 010825	EPA 6020B	25A0469-12	Water	Selenium	M-BS
Equipment Blank 010825	EPA 6020B	25A0469-13	Water	Selenium	M-BS
Equipment Blank 010825	EPA 6020B	25A0469-13	Water	Selenium	M-CCV1
Field Blank 010825	EPA 7196A	25A0469-12	Water		HT-02
Equipment Blank 010825	EPA 7196A	25A0469-13	Water		HT-02
	EPA 7196A	BA50659-MS1	Soil	Chromium, Hexavalent	QM-05
	EPA 7196A	BA50659-MSD1	Soil	Chromium, Hexavalent	QM-05
	EPA 7473	BA50792-DUP1	Soil	Mercury	M-DUPS

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
UIC004	EPA 8081B	25A0469-04	Soil	Methoxychlor	P
UIC007	EPA 8081B	25A0469-07	Soil	4,4'-DDT	P
	EPA 8081B	BA50563-BS1	Water	Tetrachloro-m-xylene [2C]	S-GC
	EPA 8081B	BA50563-BS1	Water	Tetrachloro-m-xylene [2C]	S-08
	EPA 8081B	BA50640-BS1	Soil	Methoxychlor	CCVH
	EPA 8081B	BA50706-BS1	Soil	Methoxychlor	CCVH
Field Blank 010825	EPA 8082A	25A0469-12	Water	Decachlorobiphenyl [2C]	S-08
Field Blank 010825	EPA 8082A	25A0469-12	Water	Decachlorobiphenyl [2C]	S-GC
Equipment Blank 010825	EPA 8082A	25A0469-13	Water	Decachlorobiphenyl	S-GC
Equipment Blank 010825	EPA 8082A	25A0469-13	Water	Decachlorobiphenyl	S-08
Equipment Blank 010825	EPA 8082A	25A0469-13	Water	Decachlorobiphenyl [2C]	S-08
Equipment Blank 010825	EPA 8082A	25A0469-13	Water	Decachlorobiphenyl [2C]	S-GC
	EPA 8082A	BA50563-BLK2	Water	Tetrachloro-m-xylene [2C]	S-08
	EPA 8082A	BA50563-BLK2	Water	Tetrachloro-m-xylene [2C]	S-GC
	EPA 8082A	BA50563-BS2	Water	Tetrachloro-m-xylene [2C]	S-08
	EPA 8082A	BA50563-BS2	Water	Tetrachloro-m-xylene [2C]	S-GC
UIC001	EPA 8260D	25A0469-01	Soil	Acetone	J
UIC001	EPA 8260D	25A0469-01	Soil	Acrolein	ICVE
UIC001	EPA 8260D	25A0469-01	Soil	Bromomethane	CCVE
UIC001	EPA 8260D	25A0469-01	Soil	Chloromethane	CCVE
UIC001	EPA 8260D	25A0469-01	Soil	Dichlorodifluoromethane	CCVE
UIC001	EPA 8260D	25A0469-01	Soil	Vinyl Chloride	CCVE
UIC002	EPA 8260D	25A0469-02	Soil	Acrolein	ICVE
UIC002	EPA 8260D	25A0469-02	Soil	Bromomethane	CCVE
UIC002	EPA 8260D	25A0469-02	Soil	Chloromethane	CCVE
UIC002	EPA 8260D	25A0469-02	Soil	Dichlorodifluoromethane	CCVE
UIC002	EPA 8260D	25A0469-02	Soil	Vinyl Chloride	CCVE
UIC003	EPA 8260D	25A0469-03	Soil	1,1,2,2-Tetrachloroethane	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,2,3-Trichlorobenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,2,3-Trichloropropane	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,2,4-Trichlorobenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,2,4-Trimethylbenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,2-Dibromo-3-chloropropane	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,2-Dichlorobenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,3,5-Trimethylbenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,3-Dichlorobenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	1,4-Dichlorobenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	2-Butanone	CCVE
UIC003	EPA 8260D	25A0469-03	Soil	Acetone	CCVE
UIC003	EPA 8260D	25A0469-03	Soil	Acetone	QL-02
UIC003	EPA 8260D	25A0469-03	Soil	Acrolein	ICVE
UIC003	EPA 8260D	25A0469-03	Soil	Chloromethane	CCVE
UIC003	EPA 8260D	25A0469-03	Soil	Dichlorodifluoromethane	CCVE
UIC003	EPA 8260D	25A0469-03	Soil	Hexachlorobutadiene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	Isopropylbenzene	IS-LO

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
UIC003	EPA 8260D	25A0469-03	Soil	ISTD: 1,2-Dichlorobenzene-d4	IS-01
UIC003	EPA 8260D	25A0469-03	Soil	n-Butylbenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	n-Propylbenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	p-Isopropyltoluene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	sec-Butylbenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	SURR: p-Bromofluorobenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	tert-Butylbenzene	IS-LO
UIC003	EPA 8260D	25A0469-03	Soil	Vinyl Chloride	CCVE
UIC004	EPA 8260D	25A0469-04	Soil	2-Butanone	CCVE
UIC004	EPA 8260D	25A0469-04	Soil	Acetone	CCVE
UIC004	EPA 8260D	25A0469-04	Soil	Acetone	QL-02
UIC004	EPA 8260D	25A0469-04	Soil	Acrolein	ICVE
UIC004	EPA 8260D	25A0469-04	Soil	Chloromethane	CCVE
UIC004	EPA 8260D	25A0469-04	Soil	Dichlorodifluoromethane	CCVE
UIC004	EPA 8260D	25A0469-04	Soil	Vinyl Chloride	CCVE
UIC005	EPA 8260D	25A0469-05	Soil	Acetone	ICVE
UIC005	EPA 8260D	25A0469-05	Soil	Acetone	QL-02
UIC005	EPA 8260D	25A0469-05	Soil	Acrolein	ICVE
UIC005	EPA 8260D	25A0469-05	Soil	Bromomethane	CCVE
UIC005	EPA 8260D	25A0469-05	Soil	Carbon disulfide	J
UIC005	EPA 8260D	25A0469-05	Soil	Chloromethane	CCVE
UIC005	EPA 8260D	25A0469-05	Soil	Dichlorodifluoromethane	CCVE
UIC005	EPA 8260D	25A0469-05	Soil	Vinyl Chloride	CCVE
UIC006	EPA 8260D	25A0469-06	Soil	2-Butanone	CCVE
UIC006	EPA 8260D	25A0469-06	Soil	Acetone	CCVE
UIC006	EPA 8260D	25A0469-06	Soil	Acetone	QL-02
UIC006	EPA 8260D	25A0469-06	Soil	Acrolein	ICVE
UIC006	EPA 8260D	25A0469-06	Soil	Chloromethane	CCVE
UIC006	EPA 8260D	25A0469-06	Soil	Dichlorodifluoromethane	CCVE
UIC006	EPA 8260D	25A0469-06	Soil	Vinyl Chloride	CCVE
UIC007	EPA 8260D	25A0469-07	Soil	Acrolein	ICVE
UIC007	EPA 8260D	25A0469-07	Soil	Bromomethane	CCVE
UIC007	EPA 8260D	25A0469-07	Soil	Chloromethane	CCVE
UIC007	EPA 8260D	25A0469-07	Soil	Dichlorodifluoromethane	CCVE
UIC007	EPA 8260D	25A0469-07	Soil	Vinyl Chloride	CCVE
UIC008	EPA 8260D	25A0469-08	Soil	Acetone	ICVE
UIC008	EPA 8260D	25A0469-08	Soil	Acetone	QL-02
UIC008	EPA 8260D	25A0469-08	Soil	Acrolein	ICVE
UIC008	EPA 8260D	25A0469-08	Soil	Bromomethane	CCVE
UIC008	EPA 8260D	25A0469-08	Soil	Chloromethane	CCVE
UIC008	EPA 8260D	25A0469-08	Soil	Dichlorodifluoromethane	CCVE
UIC008	EPA 8260D	25A0469-08	Soil	Vinyl Chloride	CCVE
UIC009	EPA 8260D	25A0469-09	Soil	Acrolein	ICVE
UIC009	EPA 8260D	25A0469-09	Soil	Bromomethane	CCVE
UIC009	EPA 8260D	25A0469-09	Soil	Chloromethane	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
UIC009	EPA 8260D	25A0469-09	Soil	Dichlorodifluoromethane	CCVE
UIC009	EPA 8260D	25A0469-09	Soil	Vinyl Chloride	CCVE
UIC010	EPA 8260D	25A0469-10	Soil	Acrolein	ICVE
UIC010	EPA 8260D	25A0469-10	Soil	Bromomethane	CCVE
UIC010	EPA 8260D	25A0469-10	Soil	Chloromethane	CCVE
UIC010	EPA 8260D	25A0469-10	Soil	Dichlorodifluoromethane	CCVE
UIC010	EPA 8260D	25A0469-10	Soil	Vinyl Chloride	CCVE
UIC00X	EPA 8260D	25A0469-11	Soil	Acetone	QL-02
UIC00X	EPA 8260D	25A0469-11	Soil	Acetone	ICVE
UIC00X	EPA 8260D	25A0469-11	Soil	Acrolein	ICVE
UIC00X	EPA 8260D	25A0469-11	Soil	Bromomethane	CCVE
UIC00X	EPA 8260D	25A0469-11	Soil	Chloromethane	CCVE
UIC00X	EPA 8260D	25A0469-11	Soil	Dichlorodifluoromethane	CCVE
UIC00X	EPA 8260D	25A0469-11	Soil	Vinyl Chloride	CCVE
Field Blank 010825	EPA 8260D	25A0469-12	Water	1,2,3-Trichloropropane	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	1,2,4-Trimethylbenzene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	1,2-Dibromoethane	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	1,3,5-Trimethylbenzene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	1,3-Dichlorobenzene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	1,4-Dichlorobenzene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Acrolein	ICVE
Field Blank 010825	EPA 8260D	25A0469-12	Water	Bromomethane	CCVE
Field Blank 010825	EPA 8260D	25A0469-12	Water	Bromomethane	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Chlorobenzene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Chloromethane	CCVE
Field Blank 010825	EPA 8260D	25A0469-12	Water	Chloromethane	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Dichlorodifluoromethane	CCVE
Field Blank 010825	EPA 8260D	25A0469-12	Water	Dichlorodifluoromethane	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	p-Ethyltoluene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	sec-Butylbenzene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Tetrachloroethylene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Tetrachloroethylene	ICVE
Field Blank 010825	EPA 8260D	25A0469-12	Water	Tetrachloroethylene	CCVE
Field Blank 010825	EPA 8260D	25A0469-12	Water	Toluene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Trichloroethylene	QL-02
Field Blank 010825	EPA 8260D	25A0469-12	Water	Vinyl Chloride	CCVE
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	1,2,3-Trichloropropane	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	1,2,4-Trimethylbenzene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	1,2-Dibromoethane	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	1,3,5-Trimethylbenzene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	1,3-Dichlorobenzene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	1,4-Dichlorobenzene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Acrolein	ICVE
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Bromomethane	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Bromomethane	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Chlorobenzene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Chloromethane	CCVE
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Chloromethane	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Dichlorodifluoromethane	CCVE
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Dichlorodifluoromethane	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	p-Ethyltoluene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	sec-Butylbenzene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Tetrachloroethylene	CCVE
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Tetrachloroethylene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Tetrachloroethylene	ICVE
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Toluene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Trichloroethylene	QL-02
Equipment Blank 010825	EPA 8260D	25A0469-13	Water	Vinyl Chloride	CCVE
Trip Blank 010825	EPA 8260D	25A0469-14	Water	1,2,3-Trichloropropane	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	1,2,4-Trimethylbenzene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	1,2-Dibromoethane	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	1,3,5-Trimethylbenzene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	1,3-Dichlorobenzene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	1,4-Dichlorobenzene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Acrolein	ICVE
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Bromomethane	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Bromomethane	CCVE
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Chlorobenzene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Chloromethane	CCVE
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Chloromethane	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Dichlorodifluoromethane	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Dichlorodifluoromethane	CCVE
Trip Blank 010825	EPA 8260D	25A0469-14	Water	p-Ethyltoluene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	sec-Butylbenzene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Tetrachloroethylene	CCVE
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Tetrachloroethylene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Tetrachloroethylene	ICVE
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Toluene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Trichloroethylene	QL-02
Trip Blank 010825	EPA 8260D	25A0469-14	Water	Vinyl Chloride	CCVE
	EPA 8260D	S4L1630-SCV1	Soil	1,4-Dioxane	ICVE20
	EPA 8260D	S4L1630-SCV1	Soil	1,4-Dioxane	ICVE
	EPA 8260D	S4L1630-SCV1	Soil	Acrolein	ICVE
	EPA 8260D	S4L1630-SCV1	Soil	Acrolein	ICVE20
	EPA 8260D	S4L3127-SCV1	Water	Acrolein	ICVE
	EPA 8260D	S4L3127-SCV1	Water	Tetrachloroethylene	ICVE
	EPA 8260D	S5A0630-SCV1	Soil	Acetone	ICVE20
	EPA 8260D	S5A0630-SCV1	Soil	Acetone	ICVE
	EPA 8260D	S5A0630-SCV1	Soil	Acrolein	ICVE20
Field Blank 010825	EPA 8270D	25A0469-12	Water	1,2,4,5-Tetrachlorobenzene	CAL-E

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Field Blank 010825	EPA 8270D	25A0469-12	Water	2,4-Dinitrophenol	CAL-E
Field Blank 010825	EPA 8270D	25A0469-12	Water	3,3-Dichlorobenzidine	CAL-E
Field Blank 010825	EPA 8270D	25A0469-12	Water	4,6-Dinitro-2-methylphenol	CAL-E
Field Blank 010825	EPA 8270D	25A0469-12	Water	4-Nitrophenol	QL-02
Field Blank 010825	EPA 8270D	25A0469-12	Water	Acetophenone	CAL-E
Field Blank 010825	EPA 8270D	25A0469-12	Water	Benzaldehyde	CAL-E
Field Blank 010825	EPA 8270D	25A0469-12	Water	Caprolactam	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	1,2,4,5-Tetrachlorobenzene	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	2,4-Dinitrophenol	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	3,3-Dichlorobenzidine	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	4,6-Dinitro-2-methylphenol	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	4-Nitrophenol	QL-02
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	Acetophenone	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	Benzaldehyde	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	Caprolactam	CAL-E
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	SURR: 2,4,6-Tribromophenol	S-08
Equipment Blank 010825	EPA 8270D	25A0469-13	Water	SURR: 2-Fluorobiphenyl	S-08
	EPA 8270D	BA50677-BS1	Water	Caprolactam	J
	EPA 8270D	BA50677-BS1	Water	Hexachlorocyclopentadiene	J
	EPA 8270D	BA50677-BS1	Water	Pyridine	J
	EPA 8270D	BA50677-BSD1	Water	Caprolactam	J
	EPA 8270D	BA50677-BSD1	Water	Hexachlorocyclopentadiene	J
UIC002	EPA 8270D SIM	25A0469-02	Soil	1,4-Dioxane-d8	S-HI
UIC002	EPA 8270D SIM	25A0469-02	Soil	1,4-Dioxane-d8	S-08
UIC004	EPA 8270D SIM	25A0469-04	Soil	1,4-Dioxane-d8	S-HI
UIC004	EPA 8270D SIM	25A0469-04	Soil	1,4-Dioxane-d8	S-08
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Atrazine	ICVE
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Benzo(a)anthracene	CAL-E
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Benzo(k)fluoranthene	CAL-E
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Dibenzo(a,h)anthracene	CAL-E
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Hexachlorobutadiene	QL-02
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Hexachloroethane	QL-02
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Indeno(1,2,3-cd)pyrene	CAL-E
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Nitrobenzene	ICVE
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Nitrobenzene	QL-02
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Nitrobenzene	CCVE
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	N-Nitrosodimethylamine	QL-02
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Pentachlorophenol	CCVE
Field Blank 010825	EPA 8270D SIM	25A0469-12	Water	Pentachlorophenol	QL-02
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Atrazine	ICVE
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Benzo(a)anthracene	CAL-E
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Benzo(k)fluoranthene	CAL-E
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Dibenzo(a,h)anthracene	CAL-E
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Hexachlorobutadiene	QL-02
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Hexachloroethane	QL-02

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Indeno(1,2,3-cd)pyrene	CAL-E
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Nitrobenzene	ICVE
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Nitrobenzene	QL-02
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Nitrobenzene	CCVE
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	N-Nitrosodimethylamine	QL-02
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Pentachlorophenol	CCVE
Equipment Blank 010825	EPA 8270D SIM	25A0469-13	Water	Pentachlorophenol	QL-02
UIC001	EPA 8270E	25A0469-01	Soil	2,4-Dimethylphenol	ICVE
UIC001	EPA 8270E	25A0469-01	Soil	2,4-Dinitrophenol	CAL-E
UIC001	EPA 8270E	25A0469-01	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC001	EPA 8270E	25A0469-01	Soil	Benzoic acid	CCVE
UIC001	EPA 8270E	25A0469-01	Soil	Benzoic acid	CAL-E
UIC001	EPA 8270E	25A0469-01	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC001	EPA 8270E	25A0469-01	Soil	Hexachlorocyclopentadiene	ICVE
UIC001	EPA 8270E	25A0469-01	Soil	Hexachlorocyclopentadiene	CCVE
UIC001	EPA 8270E	25A0469-01	Soil	SURR: 2,4,6-Tribromophenol	S-08
UIC002	EPA 8270E	25A0469-02	Soil	2,4-Dimethylphenol	ICVE
UIC002	EPA 8270E	25A0469-02	Soil	2,4-Dinitrophenol	CAL-E
UIC002	EPA 8270E	25A0469-02	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC002	EPA 8270E	25A0469-02	Soil	Benzoic acid	CCVE
UIC002	EPA 8270E	25A0469-02	Soil	Benzoic acid	CAL-E
UIC002	EPA 8270E	25A0469-02	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC002	EPA 8270E	25A0469-02	Soil	Dibenzofuran	J
UIC002	EPA 8270E	25A0469-02	Soil	Hexachlorocyclopentadiene	ICVE
UIC002	EPA 8270E	25A0469-02	Soil	Hexachlorocyclopentadiene	CCVE
UIC003	EPA 8270E	25A0469-03	Soil	2,4-Dimethylphenol	ICVE
UIC003	EPA 8270E	25A0469-03	Soil	2,4-Dinitrophenol	CAL-E
UIC003	EPA 8270E	25A0469-03	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC003	EPA 8270E	25A0469-03	Soil	Anthracene	J
UIC003	EPA 8270E	25A0469-03	Soil	Benzoic acid	CCVE
UIC003	EPA 8270E	25A0469-03	Soil	Benzoic acid	CAL-E
UIC003	EPA 8270E	25A0469-03	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC003	EPA 8270E	25A0469-03	Soil	Fluorene	J
UIC003	EPA 8270E	25A0469-03	Soil	Hexachlorocyclopentadiene	CCVE
UIC003	EPA 8270E	25A0469-03	Soil	Hexachlorocyclopentadiene	ICVE
UIC004	EPA 8270E	25A0469-04	Soil	2,4-Dimethylphenol	ICVE
UIC004	EPA 8270E	25A0469-04	Soil	2,4-Dinitrophenol	CAL-E
UIC004	EPA 8270E	25A0469-04	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC004	EPA 8270E	25A0469-04	Soil	Acenaphthylene	J
UIC004	EPA 8270E	25A0469-04	Soil	Benzoic acid	CCVE
UIC004	EPA 8270E	25A0469-04	Soil	Benzoic acid	CAL-E
UIC004	EPA 8270E	25A0469-04	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC004	EPA 8270E	25A0469-04	Soil	Hexachlorocyclopentadiene	ICVE
UIC004	EPA 8270E	25A0469-04	Soil	Hexachlorocyclopentadiene	CCVE
UIC005	EPA 8270E	25A0469-05	Soil	2,4-Dimethylphenol	ICVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
UIC005	EPA 8270E	25A0469-05	Soil	2,4-Dinitrophenol	CAL-E
UIC005	EPA 8270E	25A0469-05	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC005	EPA 8270E	25A0469-05	Soil	Acenaphthene	J
UIC005	EPA 8270E	25A0469-05	Soil	Anthracene	J
UIC005	EPA 8270E	25A0469-05	Soil	Benzoic acid	CAL-E
UIC005	EPA 8270E	25A0469-05	Soil	Benzoic acid	CCVE
UIC005	EPA 8270E	25A0469-05	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC005	EPA 8270E	25A0469-05	Soil	Carbazole	J
UIC005	EPA 8270E	25A0469-05	Soil	Hexachlorocyclopentadiene	CCVE
UIC005	EPA 8270E	25A0469-05	Soil	Hexachlorocyclopentadiene	ICVE
UIC005	EPA 8270E	25A0469-05	Soil	SURR: 2,4,6-Tribromophenol	S-08
UIC006	EPA 8270E	25A0469-06	Soil	2,4-Dimethylphenol	ICVE
UIC006	EPA 8270E	25A0469-06	Soil	2,4-Dinitrophenol	CAL-E
UIC006	EPA 8270E	25A0469-06	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC006	EPA 8270E	25A0469-06	Soil	Acenaphthylene	J
UIC006	EPA 8270E	25A0469-06	Soil	Benzoic acid	CAL-E
UIC006	EPA 8270E	25A0469-06	Soil	Benzoic acid	CCVE
UIC006	EPA 8270E	25A0469-06	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC006	EPA 8270E	25A0469-06	Soil	Hexachlorocyclopentadiene	ICVE
UIC006	EPA 8270E	25A0469-06	Soil	Hexachlorocyclopentadiene	CCVE
UIC007	EPA 8270E	25A0469-07	Soil	2,4-Dimethylphenol	ICVE
UIC007	EPA 8270E	25A0469-07	Soil	2,4-Dinitrophenol	CAL-E
UIC007	EPA 8270E	25A0469-07	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC007	EPA 8270E	25A0469-07	Soil	Benzoic acid	CAL-E
UIC007	EPA 8270E	25A0469-07	Soil	Benzoic acid	CCVE
UIC007	EPA 8270E	25A0469-07	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC007	EPA 8270E	25A0469-07	Soil	Bis(2-ethylhexyl)phthalate	J
UIC007	EPA 8270E	25A0469-07	Soil	Fluorene	J
UIC007	EPA 8270E	25A0469-07	Soil	Hexachlorocyclopentadiene	ICVE
UIC007	EPA 8270E	25A0469-07	Soil	Hexachlorocyclopentadiene	CCVE
UIC008	EPA 8270E	25A0469-08	Soil	2,4-Dimethylphenol	ICVE
UIC008	EPA 8270E	25A0469-08	Soil	2,4-Dinitrophenol	CAL-E
UIC008	EPA 8270E	25A0469-08	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC008	EPA 8270E	25A0469-08	Soil	Benzoic acid	CAL-E
UIC008	EPA 8270E	25A0469-08	Soil	Benzoic acid	CCVE
UIC008	EPA 8270E	25A0469-08	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC008	EPA 8270E	25A0469-08	Soil	Hexachlorocyclopentadiene	CCVE
UIC008	EPA 8270E	25A0469-08	Soil	Hexachlorocyclopentadiene	ICVE
UIC009	EPA 8270E	25A0469-09	Soil	2,4-Dimethylphenol	ICVE
UIC009	EPA 8270E	25A0469-09	Soil	2,4-Dinitrophenol	CAL-E
UIC009	EPA 8270E	25A0469-09	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC009	EPA 8270E	25A0469-09	Soil	Benzoic acid	CAL-E
UIC009	EPA 8270E	25A0469-09	Soil	Benzoic acid	CCVE
UIC009	EPA 8270E	25A0469-09	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC009	EPA 8270E	25A0469-09	Soil	Hexachlorocyclopentadiene	ICVE

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
UIC009	EPA 8270E	25A0469-09	Soil	Hexachlorocyclopentadiene	CCVE
UIC010	EPA 8270E	25A0469-10	Soil	2,4-Dimethylphenol	ICVE
UIC010	EPA 8270E	25A0469-10	Soil	2,4-Dinitrophenol	CAL-E
UIC010	EPA 8270E	25A0469-10	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC010	EPA 8270E	25A0469-10	Soil	Benzoic acid	CAL-E
UIC010	EPA 8270E	25A0469-10	Soil	Benzoic acid	CCVE
UIC010	EPA 8270E	25A0469-10	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC010	EPA 8270E	25A0469-10	Soil	Hexachlorocyclopentadiene	CCVE
UIC010	EPA 8270E	25A0469-10	Soil	Hexachlorocyclopentadiene	ICVE
UIC00X	EPA 8270E	25A0469-11	Soil	2,4-Dimethylphenol	ICVE
UIC00X	EPA 8270E	25A0469-11	Soil	2,4-Dinitrophenol	CAL-E
UIC00X	EPA 8270E	25A0469-11	Soil	2-Methylnaphthalene	J
UIC00X	EPA 8270E	25A0469-11	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UIC00X	EPA 8270E	25A0469-11	Soil	Acenaphthylene	J
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(a)anthracene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(a)anthracene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(a)pyrene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(a)pyrene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(b)fluoranthene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(b)fluoranthene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(g,h,i)perylene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(g,h,i)perylene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(k)fluoranthene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Benzo(k)fluoranthene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Benzoic acid	CCVE
UIC00X	EPA 8270E	25A0469-11	Soil	Benzoic acid	CAL-E
UIC00X	EPA 8270E	25A0469-11	Soil	Bis(2-chloroisopropyl)ether	CCVE
UIC00X	EPA 8270E	25A0469-11	Soil	Chrysene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Chrysene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Fluoranthene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Fluoranthene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Hexachlorocyclopentadiene	CCVE
UIC00X	EPA 8270E	25A0469-11	Soil	Hexachlorocyclopentadiene	ICVE
UIC00X	EPA 8270E	25A0469-11	Soil	Indeno(1,2,3-cd)pyrene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Indeno(1,2,3-cd)pyrene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Phenanthrene	E
UIC00X	EPA 8270E	25A0469-11	Soil	Phenanthrene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Pyrene	A-01
UIC00X	EPA 8270E	25A0469-11	Soil	Pyrene	E
	EPA 8270E	BA50685-BLK1	Soil	4-Chloro-3-methylphenol	J
	EPA 8270E	BA50685-BLK1	Soil	Benzoic acid	J
	EPA 8270E	BA50685-BLK1	Soil	Indeno(1,2,3-cd)pyrene	J
	EPA 8270E	BA50685-BLK1	Soil	Pentachlorophenol	J
	EPA 8270E	BA50685-BS1	Soil	2,4-Dinitrotoluene	B
	EPA 8270E	BA50685-MS1	Soil	2,4-Dinitrotoluene	B

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 8270E	BA50685-MS1	Soil	Aniline	J
	EPA 8270E	BA50685-MSD1	Soil	2,4-Dinitrophenol	J
	EPA 8270E	BA50685-MSD1	Soil	2,4-Dinitrotoluene	B
	EPA 8270E	BA50685-MSD1	Soil	4,6-Dinitro-2-methylphenol	J

York Analytical Work Order Narrative

Qualifier Definitions :	
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
IS-01	This internal standard did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. The associated compounds have been flagged IS-HI or IS-LO accordingly.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
A-01	This compound analyzed result is above the linear range of the calibration which would normally warrant a rerun with an appropriate dilution. However, a diluted run was not analyzed, and the over limit compound will be reported and qualified with an "E"
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
S-08	The recovery of this surrogate was outside of QC limits.
PF-CCV-H	The CCV recovery for this PFAS compound was above control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.

M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50005

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50005	S5A0630	S5A0630	Secondary Cal Check	S5A0630-SCV1	VOA No. 3	V3188891.D
SA50005	S5A1208	S5A1208	Calibration Check	S5A1208-CCV1	VOA No. 3	V3189003.D
SA50005	BA50577	S5A1208	LCS	BA50577-BS1	VOA No. 3	V3189004.D
SA50005	BA50577	S5A1208	LCS Dup	BA50577-BSD1	VOA No. 3	V3189005.D
SA50005	BA50577	S5A1208	Blank	BA50577-BLK1	VOA No. 3	V3189006.D
SA50005	BA50577	S5A1208	UIC001	25A0469-01	VOA No. 3	V3189013.D
SA50005	BA50577	S5A1208	UIC002	25A0469-02	VOA No. 3	V3189014.D
SA50005	BA50577	S5A1208	UIC005	25A0469-05	VOA No. 3	V3189017.D
SA50005	BA50577	S5A1208	UIC007	25A0469-07	VOA No. 3	V3189018.D
SA50005	BA50577	S5A1208	UIC008	25A0469-08	VOA No. 3	V3189019.D
SA50005	BA50577	S5A1208	UIC009	25A0469-09	VOA No. 3	V3189020.D
SA50005	BA50577	S5A1208	UIC010	25A0469-10	VOA No. 3	V3189021.D
SA50005	BA50577	S5A1208	UIC00X	25A0469-11	VOA No. 3	V3189022.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50005	VOA No. 3	1/6/2025 12:40:33 AM	V3188882.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane		20	**0.0017**	0.05				QR0
tert-Butyl alcohol (TBA)		20	**0.0370**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A0630-SCV1		V3188891.D
Calibration Check	S5A1208-CCV1		V3189003.D
LCS	BA50577-BS1		V3189004.D
LCS Dup	BA50577-BSD1		V3189005.D
Blank	BA50577-BLK1		V3189006.D
UIC001	25A0469-01		V3189013.D
UIC002	25A0469-02		V3189014.D
UIC005	25A0469-05		V3189017.D
UIC007	25A0469-07		V3189018.D
UIC008	25A0469-08		V3189019.D
UIC009	25A0469-09		V3189020.D
UIC010	25A0469-10		V3189021.D
UIC00X	25A0469-11		V3189022.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50005	S5A0630-SCV1	Acetone	50.0	80.8	**162**	70 - 130
SA50005	S5A0630-SCV1	Acrolein	50.0	34.1	**68.2**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1208-CCV1	Calibration Check	V3189003.D
BA50577-BS1	LCS	V3189004.D
BA50577-BSD1	LCS Dup	V3189005.D
BA50577-BLK1	Blank	V3189006.D
25A0469-01	UIC001	V3189013.D
25A0469-02	UIC002	V3189014.D
25A0469-05	UIC005	V3189017.D
25A0469-07	UIC007	V3189018.D
25A0469-08	UIC008	V3189019.D
25A0469-09	UIC009	V3189020.D
25A0469-10	UIC010	V3189021.D
25A0469-11	UIC00X	V3189022.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50005	S5A1208	S5A1208-CCV1	V3189003.D	01/10/25 18:08

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50005	S5A1208-CCV1	Bromomethane	ug/L	39.3	50.0	**78.6**	80	120	V3189003.D
SA50005	S5A1208-CCV1	Chloromethane	ug/L	29.7	50.0	**59.4**	80	120	V3189003.D
SA50005	S5A1208-CCV1	Dichlorodifluoromethane	ug/L	18.2	50.0	**36.3**	80	120	V3189003.D
SA50005	S5A1208-CCV1	Vinyl Chloride	ug/L	33.6	50.0	**67.1**	80	120	V3189003.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50005	S5A1208	BA50577-BS1	LCS		V3189004.D
SA50005	S5A1208	BA50577-BSD1	LCS Dup		V3189005.D
SA50005	S5A1208	BA50577-BLK1	Blank		V3189006.D
SA50005	S5A1208	25A0469-01	UIC001		V3189013.D
SA50005	S5A1208	25A0469-02	UIC002		V3189014.D
SA50005	S5A1208	25A0469-05	UIC005		V3189017.D
SA50005	S5A1208	25A0469-07	UIC007		V3189018.D
SA50005	S5A1208	25A0469-08	UIC008		V3189019.D
SA50005	S5A1208	25A0469-09	UIC009		V3189020.D
SA50005	S5A1208	25A0469-10	UIC010		V3189021.D
SA50005	S5A1208	25A0469-11	UIC00X		V3189022.D

York Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50577	S5A1208	VOA No. 3	BA50577-BLK1	V3189006.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50005	5A1208	BA50577-BS1	LCS	V3189004.D
SA50005	5A1208	BA50577-BSD1	LCS Dup	V3189005.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1208	LCS	BA50577-BS1	Acetone		**194**		36 - 155	
S5A1208	LCS Dup	BA50577-BSD1	Acetone	194	**163**	17.5	36 - 155	30
S5A1208	LCS Dup	BA50577-BSD1	Methyl acetate	112	**74.2**	40.8	41 - 143	30
S5A1208	LCS Dup	BA50577-BSD1	Methylene chloride	119	**85**	33	57 - 141	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50577	25A0469-01	UIC001	
BA50577	25A0469-02	UIC002	
BA50577	25A0469-05	UIC005	
BA50577	25A0469-07	UIC007	
BA50577	25A0469-08	UIC008	
BA50577	25A0469-09	UIC009	
BA50577	25A0469-10	UIC010	
BA50577	25A0469-11	UIC00X	
BA50577	BA50577-BLK1	Blank	

EPA 8260D

Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40033

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40033	S4L1630	S4L1630	Secondary Cal Check	S4L1630-SCV1	VOA#11	V11C023128.D
SL40033	S5A1315	S5A1315	Calibration Check	S5A1315-CCV1	VOA#11	V11C023735.D
SL40033	BA50635	S5A1315	Blank	BA50635-BLK1	VOA#11	V11C023737.D
SL40033	BA50635	S5A1315	LCS	BA50635-BS1	VOA#11	V11C023738.D
SL40033	BA50635	S5A1315	LCS Dup	BA50635-BSD1	VOA#11	V11C023739.D
SL40033	BA50635	S5A1315	UIC003	25A0469-03	VOA#11	V11C023744.D
SL40033	BA50635	S5A1315	UIC004	25A0469-04	VOA#11	V11C023745.D
SL40033	BA50635	S5A1315	UIC006	25A0469-06	VOA#11	V11C023746.D
SL40033	BA50635	S5A1315	UIC006MS1	BA50635-MS1	VOA#11	V11C023747.D
SL40033	BA50635	S5A1315	UIC006MSD1	BA50635-MSD1	VOA#11	V11C023748.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40033	VOA#11	12/14/2024 12:03:36 AM	V11C023119.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane		20	**0.0013**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1630-SCV1		V11C023128.D
Calibration Check	S5A1315-CCV1		V11C023735.D
Blank	BA50635-BLK1		V11C023737.D
LCS	BA50635-BS1		V11C023738.D
LCS Dup	BA50635-BSD1		V11C023739.D
UIC003	25A0469-03		V11C023744.D
UIC004	25A0469-04		V11C023745.D
UIC006	25A0469-06		V11C023746.D
Matrix Spike	BA50635-MS1	UIC006	V11C023747.D
Matrix Spike Dup	BA50635-MSD1	UIC006	V11C023748.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40033	S4L1630-SCV1	1,4-Dioxane	1050	1840	**176**	70 - 130
SL40033	S4L1630-SCV1	Acrolein	50.0	16.9	**33.8**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1315-CCV1	Calibration Check	V11C023735.D
BA50635-BLK1	Blank	V11C023737.D
BA50635-BS1	LCS	V11C023738.D
BA50635-BSD1	LCS Dup	V11C023739.D
25A0469-03	UIC003	V11C023744.D
25A0469-04	UIC004	V11C023745.D
25A0469-06	UIC006	V11C023746.D
BA50635-MS1	Matrix Spike	V11C023747.D
BA50635-MSD1	Matrix Spike Dup	V11C023748.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40033	S5A1315	S5A1315-CCV1	V11C023735.D	01/11/25 10:54

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40033	S5A1315-CCV1	1,4-Dioxane	ug/L	1750	1000	**175**	80	120	V11C023735.D
SL40033	S5A1315-CCV1	2-Butanone	ug/L	63.0	50.0	**126**	80	120	V11C023735.D
SL40033	S5A1315-CCV1	2-Hexanone	ug/L	62.6	50.0	**125**	80	120	V11C023735.D
SL40033	S5A1315-CCV1	Acetone	ug/L	76.5	50.0	**153**	80	120	V11C023735.D
SL40033	S5A1315-CCV1	Chloromethane	ug/L	31.6	50.0	**63.1**	80	120	V11C023735.D
SL40033	S5A1315-CCV1	Dichlorodifluoromethane	ug/L	20.6	50.0	**41.2**	80	120	V11C023735.D
SL40033	S5A1315-CCV1	Vinyl Chloride	ug/L	37.6	50.0	**75.2**	80	120	V11C023735.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40033	S5A1315	BA50635-BLK1	Blank		V11C023737.D
SL40033	S5A1315	BA50635-BS1	LCS		V11C023738.D
SL40033	S5A1315	BA50635-BSD1	LCS Dup		V11C023739.D
SL40033	S5A1315	25A0469-03	UIC003		V11C023744.D
SL40033	S5A1315	25A0469-04	UIC004		V11C023745.D
SL40033	S5A1315	25A0469-06	UIC006		V11C023746.D
SL40033	S5A1315	BA50635-MS1	Matrix Spike	UIC006	V11C023747.D
SL40033	S5A1315	BA50635-MSD1	Matrix Spike Dup	UIC006	V11C023748.D

York Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50635	S5A1315	VOA#11	BA50635-BLK1	V11C023737.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40033	5A1315	BA50635-BS1	LCS	V11C023738.D
SL40033	5A1315	BA50635-BSD1	LCS Dup	V11C023739.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1315	LCS	BA50635-BS1	Acetone		**257**		36 - 155	
S5A1315	LCS Dup	BA50635-BSD1	Acetone	257	**234**	9.43	36 - 155	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50635	25A0469-03	UIC003	
BA50635	25A0469-04	UIC004	
BA50635	25A0469-06	UIC006	
BA50635	BA50635-MS1	Matrix Spike	UIC006
BA50635	BA50635-MSD1	Matrix Spike Dup	UIC006

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
VOA	**SL40033**	BA50635	S5A1315	UIC006MS1	25A0469-06	UIC006	BA50635-MS1
VOA	**SL40033**	BA50635	S5A1315	UIC006MSD1	25A0469-06	UIC006	BA50635-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1315	UIC006	BA50635-MS1	1,1,1-Trichloroethane	ug/L		35.4		42 - 145	
S5A1315	UIC006	BA50635-MS1	1,1,2-Trichloroethane	ug/L		39.3		44 - 145	
S5A1315	UIC006	BA50635-MS1	1,2,3-Trichlorobenzene	ug/L		0		10 - 157	
S5A1315	UIC006	BA50635-MS1	1,2,3-Trichloropropane	ug/L		35		38 - 155	
S5A1315	UIC006	BA50635-MS1	1,2,4-Trichlorobenzene	ug/L		2.06		10 - 151	
S5A1315	UIC006	BA50635-MS1	1,2,4-Trimethylbenzene	ug/L		8		10 - 170	
S5A1315	UIC006	BA50635-MS1	1,2-Dibromo-3-chloropropane	ug/L		11.6		36 - 138	
S5A1315	UIC006	BA50635-MS1	1,2-Dibromoethane	ug/L		36.5		40 - 142	
S5A1315	UIC006	BA50635-MS1	1,2-Dichlorobenzene	ug/L		7.18		10 - 147	
S5A1315	UIC006	BA50635-MS1	1,2-Dichloropropane	ug/L		42.6		47 - 141	
S5A1315	UIC006	BA50635-MS1	1,3,5-Trimethylbenzene	ug/L		9.04		10 - 150	
S5A1315	UIC006	BA50635-MS1	1,3-Dichlorobenzene	ug/L		7.24		10 - 144	
S5A1315	UIC006	BA50635-MS1	1,4-Dichlorobenzene	ug/L		7.24		10 - 160	
S5A1315	UIC006	BA50635-MS1	Acetone	ug/L		238		10 - 196	
S5A1315	UIC006	BA50635-MS1	Acrolein	ug/L		4		10 - 192	
S5A1315	UIC006	BA50635-MS1	Benzene	ug/L		41.9		43 - 139	
S5A1315	UIC006	BA50635-MS1	Bromodichloromethane	ug/L		36.8		38 - 147	
S5A1315	UIC006	BA50635-MS1	Bromoform	ug/L		18.5		29 - 156	
S5A1315	UIC006	BA50635-MS1	Carbon tetrachloride	ug/L		28.6		35 - 145	
S5A1315	UIC006	BA50635-MS1	Chlorobenzene	ug/L		17		21 - 154	
S5A1315	UIC006	BA50635-MS1	Chloroform	ug/L		44.8		47 - 142	
S5A1315	UIC006	BA50635-MS1	Cyclohexane	ug/L		20.9		70 - 130	
S5A1315	UIC006	BA50635-MS1	Hexachlorobutadiene	ug/L		0		10 - 158	
S5A1315	UIC006	BA50635-MS1	Methylcyclohexane	ug/L		12.9		70 - 130	
S5A1315	UIC006	BA50635-MS1	n-Butylbenzene	ug/L		4.9		10 - 162	
S5A1315	UIC006	BA50635-MS1	p-Isopropyltoluene	ug/L		6.26		10 - 147	
S5A1315	UIC006	BA50635-MS1	sec-Butylbenzene	ug/L		7		10 - 157	
S5A1315	UIC006	BA50635-MS1	Styrene	ug/L		2.94		13 - 171	
S5A1315	UIC006	BA50635-MS1	tert-Butylbenzene	ug/L		8.66		10 - 160	
S5A1315	UIC006	BA50635-MS1	Tetrachloroethylene	ug/L		15.3		30 - 167	
S5A1315	UIC006	BA50635-MSD1	Methylcyclohexane	ug/L	12.9	64.5	133	70 - 130	30

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,1,1,2-Tetrachloroethane	124	33	
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,1,1-Trichloroethane	77.7	30	
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,1,2,2-Tetrachloroethane	104	56	
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	89.7	31	
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,1,2-Trichloroethane	72.2	40	

S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,1-Dichloroethane	49.7	36
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,1-Dichloroethylene	55.4	31
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,2,3-Trichloropropane	78.6	48
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,2,4-Trichlorobenzene	185	52
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,2-Dibromo-3-chloropropane	146	54
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,2-Dibromoethane	78.9	39
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,2-Dichlorobenzene	163	52
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,2-Dichloroethane	46.1	32
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,2-Dichloropropane	63	37
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,3,5-Trimethylbenzene	156	62
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,3-Dichlorobenzene	162	51
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	1,4-Dichlorobenzene	162	52
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Acrolein	160	128
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Benzene	69	64
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Bromochloromethane	44.3	30
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Bromodichloromethane	77.1	37
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Bromoform	126	51
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Carbon disulfide	61.3	36
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Carbon tetrachloride	94	31
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Chlorobenzene	129	32
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Chloroform	63	29
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	cis-1,2-Dichloroethylene	58.2	30
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	cis-1,3-Dichloropropylene	84.5	39
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Cyclohexane	119	30
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Dibromochloromethane	101	41
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Dibromomethane	51.9	41
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Dichlorodifluoromethane	37.7	34
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Ethyl Benzene	136	42
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Isopropylbenzene	144	57
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Methylcyclohexane	133	30
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	n-Butylbenzene	171	96
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	n-Propylbenzene	148	56
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	o-Xylene	145	51
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	p- & m- Xylenes	139	47
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	p-Isopropyltoluene	167	60
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	sec-Butylbenzene	162	56
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Styrene	185	39
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	tert-Butylbenzene	157	79
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Tetrachloroethylene	127	33
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Toluene	100	50
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	trans-1,2-Dichloroethylene	59.9	30
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	trans-1,3-Dichloropropylene	88.1	30
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Trichloroethylene	90.8	30
S5A1315	UIC006MSD1	25A0469-06	BA50635-MSD1	Trichlorofluoromethane	60.1	30

Dilutions: No sample dilutions were required.

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Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues: No issues were encountered.

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA50635	VOA#11	**SL40033**	UIC003	25A0469-03	ISTD: 1,2-Dichlorobenzene-d4	47	-0.0010
BA50635	VOA#11	**SL40033**	Matrix Spike	BA50635-MS1	ISTD: 1,2-Dichlorobenzene-d4	45	-0.0010

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40057

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40057	S4L3127	S4L3127	Secondary Cal Check	S4L3127-SCV1	MSVOA7	V751819.D
SL40057	S5A1011	S5A1011	Calibration Check	S5A1011-CCV1	MSVOA7	V752014.D
SL40057	BA50555	S5A1011	LCS	BA50555-BS1	MSVOA7	V752015.D
SL40057	BA50555	S5A1011	LCS Dup	BA50555-BSD1	MSVOA7	V752016.D
SL40057	BA50555	S5A1011	Blank	BA50555-BLK1	MSVOA7	V752018.D
SL40057	BA50555	S5A1011	Field Blank 010825	25A0469-12	MSVOA7	V752023.D
SL40057	BA50555	S5A1011	Equipment Blank 010825	25A0469-13	MSVOA7	V752024.D
SL40057	BA50555	S5A1011	Trip Blank 010825	25A0469-14	MSVOA7	V752025.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40057	MSVOA7	12/31/2024 1:45:41 PM	V751805.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane	**13.27**	20	**0.0006**	0.05				Avg
tert-Butyl alcohol (TBA)	**10.96**	20	**0.0461**	0.05				Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L3127-SCV1		V751819.D
Calibration Check	S5A1011-CCV1		V752014.D
LCS	BA50555-BS1		V752015.D
LCS Dup	BA50555-BSD1		V752016.D
Blank	BA50555-BLK1		V752018.D
Field Blank 010825	25A0469-12		V752023.D
Equipment Blank 010825	25A0469-13		V752024.D
Trip Blank 010825	25A0469-14		V752025.D

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Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40057	S4L3127-SCV1	Acrolein	10.0	1.75	**17.5**	70 - 130
SL40057	S4L3127-SCV1	Tetrachloroethylene	10.0	5.57	**55.7**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1011-CCV1	Calibration Check	V752014.D
BA50555-BS1	LCS	V752015.D
BA50555-BSD1	LCS Dup	V752016.D
BA50555-BLK1	Blank	V752018.D
25A0469-12	Field Blank 010825	V752023.D
25A0469-13	Equipment Blank 010825	V752024.D
25A0469-14	Trip Blank 010825	V752025.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40057	S5A1011	S5A1011-CCV1	V752014.D	01/10/25 07:48

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40057	S5A1011-CCV1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ug/L	12.6	10.0	**126**	80	120	V752014.D
SL40057	S5A1011-CCV1	2-Hexanone	ug/L	12.8	10.0	**128**	80	120	V752014.D
SL40057	S5A1011-CCV1	Acetone	ug/L	14.8	10.0	**148**	80	120	V752014.D
SL40057	S5A1011-CCV1	Bromomethane	ug/L	3.13	10.0	**31.3**	80	120	V752014.D
SL40057	S5A1011-CCV1	Chloromethane	ug/L	4.51	10.0	**45.1**	80	120	V752014.D
SL40057	S5A1011-CCV1	Dichlorodifluoromethane	ug/L	6.01	10.0	**60.1**	80	120	V752014.D
SL40057	S5A1011-CCV1	Tetrachloroethylene	ug/L	5.51	10.0	**55.1**	80	120	V752014.D
SL40057	S5A1011-CCV1	Vinyl Chloride	ug/L	7.75	10.0	**77.5**	80	120	V752014.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40057	S5A1011	BA50555-BS1	LCS		V752015.D
SL40057	S5A1011	BA50555-BSD1	LCS Dup		V752016.D
SL40057	S5A1011	BA50555-BLK1	Blank		V752018.D
SL40057	S5A1011	25A0469-12	Field Blank 010825		V752023.D
SL40057	S5A1011	25A0469-13	Equipment Blank 010		V752024.D
SL40057	S5A1011	25A0469-14	Trip Blank 010825		V752025.D

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50555	S5A1011	MSVOA7	BA50555-BLK1	V752018.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40057	5A1011	BA50555-BS1	LCS	V752015.D
SL40057	5A1011	BA50555-BSD1	LCS Dup	V752016.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1011	LCS	BA50555-BS1	1,2,3-Trichloropropane		**75.1**		77 - 128	
S5A1011	LCS	BA50555-BS1	1,2,4-Trimethylbenzene		**77.8**		82 - 132	
S5A1011	LCS	BA50555-BS1	1,2-Dibromoethane		**82.6**		83 - 124	
S5A1011	LCS	BA50555-BS1	1,3-Dichlorobenzene		**81.9**		86 - 122	
S5A1011	LCS	BA50555-BS1	1,4-Dichlorobenzene		**81.2**		85 - 124	
S5A1011	LCS	BA50555-BS1	Bromomethane		**27.3**		43 - 160	
S5A1011	LCS	BA50555-BS1	Chlorobenzene		**85.8**		88 - 120	
S5A1011	LCS	BA50555-BS1	Chloromethane		**34**		43 - 155	
S5A1011	LCS	BA50555-BS1	p-Ethyltoluene		**81.8**		88 - 129	
S5A1011	LCS	BA50555-BS1	Tetrachloroethylene		**47.3**		82 - 130	
S5A1011	LCS	BA50555-BS1	Trichloroethylene		**79.7**		82 - 128	
S5A1011	LCS	BA50555-BS1	Vinyl Chloride		**62.2**		70 - 130	
S5A1011	LCS Dup	BA50555-BSD1	1,2,3-Trichloropropane	75.1	**75.7**	0.796	77 - 128	30
S5A1011	LCS Dup	BA50555-BSD1	1,2,4-Trimethylbenzene	77.8	**75.6**	2.87	82 - 132	20
S5A1011	LCS Dup	BA50555-BSD1	1,3,5-Trimethylbenzene	82.0	**77.6**	5.51	80 - 131	30
S5A1011	LCS Dup	BA50555-BSD1	1,3-Dichlorobenzene	81.9	**78.5**	4.24	86 - 122	20
S5A1011	LCS Dup	BA50555-BSD1	1,4-Dichlorobenzene	81.2	**79.1**	2.62	85 - 124	20
S5A1011	LCS Dup	BA50555-BSD1	Acetone	144	**158**	9.21	40 - 150	20
S5A1011	LCS Dup	BA50555-BSD1	Bromomethane	27.3	**28.4**	3.95	43 - 160	20
S5A1011	LCS Dup	BA50555-BSD1	Chlorobenzene	85.8	**84.1**	2	88 - 120	20
S5A1011	LCS Dup	BA50555-BSD1	Chloromethane	34.0	**34.3**	0.878	43 - 155	20
S5A1011	LCS Dup	BA50555-BSD1	Dichlorodifluoromethane	45.3	**43.6**	3.82	44 - 144	20
S5A1011	LCS Dup	BA50555-BSD1	p-Ethyltoluene	81.8	**76.9**	6.18	88 - 129	30
S5A1011	LCS Dup	BA50555-BSD1	sec-Butylbenzene	80.9	**77.4**	4.42	79 - 137	30
S5A1011	LCS Dup	BA50555-BSD1	Tetrachloroethylene	47.3	**45.4**	4.1	82 - 130	20
S5A1011	LCS Dup	BA50555-BSD1	Toluene	80.6	**77.6**	3.79	80 - 127	20
S5A1011	LCS Dup	BA50555-BSD1	Trichloroethylene	79.7	**76.1**	4.62	82 - 128	20
S5A1011	LCS Dup	BA50555-BSD1	Vinyl Chloride	62.2	**60.4**	2.94	70 - 130	20

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50555	25A0469-12	Field Blank 010825	
BA50555	25A0469-13	Equipment Blank 010	
BA50555	25A0469-14	Trip Blank 010825	

BA50555	BA50555-BLK1	Blank

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Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D SIM

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

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50021

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50021	S5A1409	S5A1409	Secondary Cal Check	S5A1409-SCV1	MSBNA8	E800080355.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV1	MSBNA8	E800081381.D
SA50021	BA50568	S5A1415	Blank	BA50568-BLK1	MSBNA8	E800081382.D
SA50021	BA50568	S5A1415	LCS	BA50568-BS1	MSBNA8	E800081383.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV2	MSBNA8	E800081392.D
SA50021	BA50568	S5A1415	UIC007	25A0469-07	MSBNA8	E800081397.D
SA50021	BA50568	S5A1415	UIC008	25A0469-08	MSBNA8	E800081398.D
SA50021	BA50568	S5A1415	UIC009	25A0469-09	MSBNA8	E800081399.D
SA50021	BA50568	S5A1415	UIC010	25A0469-10	MSBNA8	E800081400.D
SA50021	BA50568	S5A1415	UIC00X	25A0469-11	MSBNA8	E800081401.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV3	MSBNA8	E800081403.D
SA50021	S5A1415	S5A1415	Calibration Check	S5A1415-CCV4	MSBNA8	E800081410.D
SA50021	S5A1609	S5A1609	Calibration Check	S5A1609-CCV1	MSBNA8	E800081440.D
SA50021	BA50764	S5A1609	Blank	BA50764-BLK1	MSBNA8	E800081442.D
SA50021	BA50764	S5A1609	LCS	BA50764-BS1	MSBNA8	E800081443.D
SA50021	BA50764	S5A1609	UIC006MS1	BA50764-MS1	MSBNA8	E800081444.D
SA50021	BA50764	S5A1609	UIC006MSD1	BA50764-MSD1	MSBNA8	E800081445.D
SA50021	BA50764	S5A1609	UIC001	25A0469-01	MSBNA8	E800081446.D
SA50021	BA50764	S5A1609	UIC003	25A0469-03	MSBNA8	E800081448.D
SA50021	BA50764	S5A1609	UIC005	25A0469-05	MSBNA8	E800081450.D
SA50021	BA50764	S5A1609	UIC006	25A0469-06	MSBNA8	E800081451.D
SA50021	S5A1609	S5A1609	Calibration Check	S5A1609-CCV2	MSBNA8	E800081464.D
SA50021	S5A1609	S5A1609	Calibration Check	S5A1609-CCV3	MSBNA8	E800081469.D
SA50021	S5A1618	S5A1618	Calibration Check	S5A1618-CCV1	MSBNA8	E800081481.D
SA50021	BA50764	S5A1618	UIC002	25A0469-02	MSBNA8	E800081482.D
SA50021	BA50764	S5A1618	UIC004	25A0469-04	MSBNA8	E800081483.D
SA50021	S5A1618	S5A1618	Calibration Check	S5A1618-CCV3	MSBNA8	E800081498.D

Initial calibration for EPA 8270D SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50021	S5A1415	S5A1415-CCV1	E800081381.D	01/13/25 11:36
SA50021	S5A1415	S5A1415-CCV2	E800081392.D	01/13/25 14:49
SA50021	S5A1415	S5A1415-CCV3	E800081403.D	01/13/25 18:08
SA50021	S5A1415	S5A1415-CCV4	E800081410.D	01/13/25 20:09
SA50021	S5A1609	S5A1609-CCV1	E800081440.D	01/15/25 10:29
SA50021	S5A1609	S5A1609-CCV2	E800081464.D	01/15/25 19:27
SA50021	S5A1609	S5A1609-CCV3	E800081469.D	01/15/25 20:46
SA50021	S5A1618	S5A1618-CCV1	E800081481.D	01/16/25 12:08
SA50021	S5A1618	S5A1618-CCV3	E800081498.D	01/16/25 17:08

The continuing calibration verification recovered within method limits.

EPA 8270D SIM

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50568	S5A1415	MSBNA8	BA50568-BLK1	E800081382.D
SVOA	BA50764	S5A1609	MSBNA8	BA50764-BLK1	E800081442.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50021	5A1415	BA50568-BS1	LCS	E800081383.D
SA50021	5A1609	BA50764-BS1	LCS	E800081443.D

EPA 8270D SIM

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SA50021**	BA50764	S5A1609	UIC006MS1	25A0469-06	UIC006	BA50764-MS1
SVOA	**SA50021**	BA50764	S5A1609	UIC006MSD1	25A0469-06	UIC006	BA50764-MSD1

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8270D SIM

Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues:

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA50764	MSBNA8	**SA50021**	Blank	BA50764-BLK1	1,2-Dichlorobenzene-d4	47	0.0000
BA50568	MSBNA8	**SA50021**	Blank	BA50568-BLK1	1,2-Dichlorobenzene-d4	43	0.0000

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50021	UIC002	25A0469-02	1,4-Dioxane-d8	**190**	39 - 127.5
SA50021	UIC004	25A0469-04	1,4-Dioxane-d8	**144**	39 - 127.5

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50022

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50022	S5A1005	S5A1005	Secondary Cal Check	S5A1005-SCV2	MSBNA9	E900324778.D
SA50022	S5A1005	S5A1005	Secondary Cal Check	S5A1005-SCV1	MSBNA9	E900324812.D
SA50022	S5A1443	S5A1443	Calibration Check	S5A1443-CCV1	MSBNA9	E900324849.D
SA50022	BA50685	S5A1443	Blank	BA50685-BLK1	MSBNA9	E900324850.D
SA50022	BA50685	S5A1443	LCS	BA50685-BS1	MSBNA9	E900324851.D
SA50022	BA50685	S5A1443	UIC006MS1	BA50685-MS1	MSBNA9	E900324852.D
SA50022	BA50685	S5A1443	UIC006MSD1	BA50685-MSD1	MSBNA9	E900324853.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50022	MSBNA9	1/9/2025 12:09:22 AM	E900324766.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**44.77**	20						Avg
4,6-Dinitro-2-methylphenol	**45.94**	20						Avg
Parathion	**27.87**	20						Avg
SURR: 2,4,6-Tribromophenol	**25.75**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A1005-SCV2		E900324778.D
Secondary Cal Check	S5A1005-SCV1		E900324812.D
Calibration Check	S5A1443-CCV1		E900324849.D
Blank	BA50685-BLK1		E900324850.D
LCS	BA50685-BS1		E900324851.D
Matrix Spike	BA50685-MS1	UIC006	E900324852.D
Matrix Spike Dup	BA50685-MSD1	UIC006	E900324853.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50022	S5A1005-SCV1	2,3,4,6-Tetrachlorophenol	30.0	40.6	**135**	70 - 130
SA50022	S5A1005-SCV1	2,4-Dinitrophenol	30.0	43.3	**144**	70 - 130
SA50022	S5A1005-SCV1	2-Nitrophenol	30.0	40.1	**134**	70 - 130
SA50022	S5A1005-SCV1	4,6-Dinitro-2-methylphenol	30.0	45.6	**152**	70 - 130
SA50022	S5A1005-SCV2	Benzidine	30.0	46.7	**156**	70 - 130
SA50022	S5A1005-SCV1	Pentachlorophenol	30.0	46.5	**155**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1443-CCV1	Calibration Check	E900324849.D
BA50685-BS1	LCS	E900324851.D
BA50685-MS1	Matrix Spike	E900324852.D
BA50685-MSD1	Matrix Spike Dup	E900324853.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50022	S5A1443	S5A1443-CCV1	E900324849.D	01/14/25 08:49

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50022	S5A1443-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	38.5	30.0	**128**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2,4-Dinitrophenol	ug/mL	66.0	30.0	**220**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2,4-Dinitrotoluene	ug/mL	39.3	30.0	**131**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2,6-Dinitrotoluene	ug/mL	36.9	30.0	**123**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2-Nitroaniline	ug/mL	37.5	30.0	**125**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2-Nitrophenol	ug/mL	39.2	30.0	**131**	80	120	E900324849.D
SA50022	S5A1443-CCV1	3,3-Dichlorobenzidine	ug/mL	36.6	30.0	**122**	80	120	E900324849.D
SA50022	S5A1443-CCV1	3-Nitroaniline	ug/mL	37.0	30.0	**123**	80	120	E900324849.D
SA50022	S5A1443-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	58.4	30.0	**195**	80	120	E900324849.D
SA50022	S5A1443-CCV1	4-Nitroaniline	ug/mL	38.2	30.0	**127**	80	120	E900324849.D
SA50022	S5A1443-CCV1	4-Nitrophenol	ug/mL	42.1	30.0	**140**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Benzidine	ug/mL	42.5	30.0	**142**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Benzoic acid	ug/mL	47.9	30.0	**160**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Pentachlorophenol	ug/mL	52.0	30.0	**173**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Pyridine	ug/mL	41.5	30.0	**138**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Parathion	ug/mL	42.8	30.0	**143**	80	120	E900324849.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50022	S5A1443	BA50685-BLK1	Blank		E900324850.D
SA50022	S5A1443	BA50685-BS1	LCS		E900324851.D
SA50022	S5A1443	BA50685-MS1	Matrix Spike	UIC006	E900324852.D
SA50022	S5A1443	BA50685-MSD1	Matrix Spike Dup	UIC006	E900324853.D

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50685	S5A1443	MSBNA9	BA50685-BLK1	E900324850.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1443	Blank	BA50685-BLK1	Soil	2,4-Dinitrotoluene	0.550	0.0416	mg/kg wet
S5A1443	Blank	BA50685-BLK1	Soil	4-Chloro-3-methylphenol	0.0209	0.0416	mg/kg wet
S5A1443	Blank	BA50685-BLK1	Soil	Benzoic acid	0.0216	0.0416	mg/kg wet
S5A1443	Blank	BA50685-BLK1	Soil	Indeno(1,2,3-cd)pyrene	0.0209	0.0416	mg/kg wet
S5A1443	Blank	BA50685-BLK1	Soil	Pentachlorophenol	0.0272	0.0416	mg/kg wet

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA50685	BA50685-BS1	LCS	E900324851.D
BA50685	BA50685-MS1	Matrix Spike	E900324852.D
BA50685	BA50685-MSD1	Matrix Spike Dup	E900324853.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50022	5A1443	BA50685-BS1	LCS	E900324851.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1443	LCS	BA50685-BS1	4,6-Dinitro-2-methylphenol		**160**		10 - 143	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50685	BA50685-MS1	Matrix Spike	UIC006

York Analytical Work Order Narrative

EPA 8270E

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SA50022**	BA50685	S5A1443	UIC006MS1	25A0469-06	UIC006	BA50685-MS1
SVOA	**SA50022**	BA50685	S5A1443	UIC006MSD1	25A0469-06	UIC006	BA50685-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1443	UIC006	BA50685-MS1	3,3-Dichlorobenzidine	mg/kg dry		0		10 - 155	
S5A1443	UIC006	BA50685-MS1	Benzo(a)pyrene	mg/kg dry		195		10 - 180	
S5A1443	UIC006	BA50685-MS1	Benzo(k)fluoranthene	mg/kg dry		-265		10 - 197	
S5A1443	UIC006	BA50685-MS1	Fluoranthene	mg/kg dry		-266		10 - 160	
S5A1443	UIC006	BA50685-MS1	Indeno(1,2,3-cd)pyrene	mg/kg dry		173		10 - 144	
S5A1443	UIC006	BA50685-MS1	Phenanthrene	mg/kg dry		-77.6		10 - 148	
S5A1443	UIC006	BA50685-MS1	Pyrene	mg/kg dry		-168		10 - 165	
S5A1443	UIC006	BA50685-MSD1	Benzo(a)pyrene	mg/kg dry	195	-2.26	35.2	10 - 180	30
S5A1443	UIC006	BA50685-MSD1	Benzo(b)fluoranthene	mg/kg dry	149	-190	41.8	10 - 200	30
S5A1443	UIC006	BA50685-MSD1	Benzo(g,h,i)perylene	mg/kg dry	134	-42.8	44.8	10 - 138	30
S5A1443	UIC006	BA50685-MSD1	Benzo(k)fluoranthene	mg/kg dry	-265	-245	5.34	10 - 197	30
S5A1443	UIC006	BA50685-MSD1	Chrysene	mg/kg dry	87.1	-118	28.8	10 - 156	30
S5A1443	UIC006	BA50685-MSD1	Dibenzo(a,h)anthracene	mg/kg dry	77.8	-9.05	46.7	10 - 137	30
S5A1443	UIC006	BA50685-MSD1	Fluoranthene	mg/kg dry	-266	-473	19.8	10 - 160	30
S5A1443	UIC006	BA50685-MSD1	Indeno(1,2,3-cd)pyrene	mg/kg dry	173	-12.3	40.8	10 - 144	30
S5A1443	UIC006	BA50685-MSD1	Phenanthrene	mg/kg dry	-77.6	-157	13.9	10 - 148	30
S5A1443	UIC006	BA50685-MSD1	Pyrene	mg/kg dry	-168	-315	17.2	10 - 165	30

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	2,4-Dinitrophenol	111	30	J
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	3-Nitroaniline	74.9	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	4,6-Dinitro-2-methylphenol	111	30	J
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	4-Chloroaniline	56.3	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	4-Nitroaniline	66	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	Aniline	69.8	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	Benzo(a)pyrene	35.2	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	Benzo(b)fluoranthene	41.8	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	Benzo(g,h,i)perylene	44.8	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	Dibenzo(a,h)anthracene	46.7	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	Hexachlorocyclopentadiene	70.2	30	
S5A1443	UIC006MSD1	25A0469-06	BA50685-MSD1	Indeno(1,2,3-cd)pyrene	40.8	30	

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270E	BA50685	UIC001	25A0469-01	2
EPA 8270E	BA50685	UIC002	25A0469-02	2
EPA 8270E	BA50685	UIC002	25A0469-02RE1	20
EPA 8270E	BA50685	UIC003	25A0469-03	2
EPA 8270E	BA50685	UIC004	25A0469-04	2

EPA 8270E	BA50685	UIC004	25A0469-04RE1	20
EPA 8270E	BA50685	UIC005	25A0469-05	2
EPA 8270E	BA50685	UIC006	25A0469-06	2
EPA 8270E	BA50685	UIC006	25A0469-06RE1	20
EPA 8270E	BA50685	UIC007	25A0469-07	2
EPA 8270E	BA50685	UIC008	25A0469-08	2
EPA 8270E	BA50685	UIC009	25A0469-09	2
EPA 8270E	BA50685	UIC010	25A0469-10	2
EPA 8270E	BA50685	UIC00X	25A0469-11	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI40026

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI40026	S4I1839	S4I1839	Secondary Cal Check	S4I1839-SCV1	BNA#2	E20021711.D
SI40026	S4I1839	S4I1839	Secondary Cal Check	S4I1839-SCV2	BNA#2	E20021712.D
SI40026	S5A1448	S5A1448	Calibration Check	S5A1448-CCV1	BNA#2	E20023501.D
SI40026	BA50685	S5A1448	UIC002	25A0469-02RE1	BNA#2	E20023509.D
SI40026	S5A1530	S5A1530	Calibration Check	S5A1530-CCV1	BNA#2	E20023514.D
SI40026	BA50685	S5A1530	UIC004	25A0469-04RE1	BNA#2	E20023520.D
SI40026	BA50685	S5A1530	UIC006	25A0469-06RE1	BNA#2	E20023521.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SI40026	BNA#2	9/17/2024 12:45:08 AM	E20021701.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**10.67**	20	**0.0049**	0.05				Avg
4,6-Dinitro-2-methylphenol	**27.18**	20						Avg
Benzidine	**26.15**	20						Avg
Benzoic acid	**36.71**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4I1839-SCV2		E20021712.D
Calibration Check	S5A1448-CCV1		E20023501.D
Calibration Check	S5A1530-CCV1		E20023514.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI40026	S4I1839-SCV2	1,2,4,5-Tetrachlorobenzene	30.0	16.6	**55.4**	70 - 130
SI40026	S4I1839-SCV2	3,3-Dichlorobenzidine	30.0	15.5	**51.7**	70 - 130
SI40026	S4I1839-SCV2	Acetophenone	30.0	19.0	**63.4**	70 - 130
SI40026	S4I1839-SCV2	Atrazine	30.0	17.0	**56.7**	70 - 130
SI40026	S4I1839-SCV2	Benzaldehyde	30.0	17.9	**59.6**	70 - 130
SI40026	S4I1839-SCV2	Benzidine	30.0	19.3	**64.3**	70 - 130
SI40026	S4I1839-SCV2	Caprolactam	30.0	19.6	**65.5**	70 - 130
SI40026	S4I1839-SCV2	Parathion	30.0	18.1	**60.4**	70 - 130
SI40026	S4I1839-SCV2	Pentachloronitrobenzene	30.0	17.0	**56.7**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1448-CCV1	Calibration Check	E20023501.D
S5A1530-CCV1	Calibration Check	E20023514.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI40026	S5A1448	S5A1448-CCV1	E20023501.D	01/14/25 08:50
SI40026	S5A1530	S5A1530-CCV1	E20023514.D	01/15/25 08:50

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SI40026	S5A1448-CCV1	4-Nitrophenol	ug/mL	19.8	30.0	**66.2**	80 120	E20023501.D
SI40026	S5A1448-CCV1	Acetophenone	ug/mL	23.1	30.0	**77.1**	80 120	E20023501.D
SI40026	S5A1448-CCV1	Aniline	ug/mL	19.9	30.0	**66.2**	80 120	E20023501.D
SI40026	S5A1448-CCV1	Benzoic acid	ug/mL	2.40	30.0	**8**	80 120	E20023501.D
SI40026	S5A1448-CCV1	Bis(2-chloroisopropyl)ether	ug/mL	16.8	30.0	**56.1**	80 120	E20023501.D
SI40026	S5A1448-CCV1	Hexachlorocyclopentadiene	ug/mL	13.9	30.0	**46.4**	80 120	E20023501.D
SI40026	S5A1448-CCV1	N-Nitrosodimethylamine	ug/mL	17.6	30.0	**58.5**	80 120	E20023501.D
SI40026	S5A1448-CCV1	N-nitroso-di-n-propylamine	ug/mL	21.7	30.0	**72.5**	80 120	E20023501.D
SI40026	S5A1448-CCV1	Pentachlorophenol	ug/mL	18.4	30.0	**61.4**	80 120	E20023501.D
SI40026	S5A1448-CCV1	Pyridine	ug/mL	19.3	30.0	**64.3**	80 120	E20023501.D
SI40026	S5A1530-CCV1	2,4-Dinitrophenol	ug/mL	40.0	30.0	**133**	80 120	E20023514.D
SI40026	S5A1530-CCV1	4-Nitrophenol	ug/mL	20.6	30.0	**68.6**	80 120	E20023514.D
SI40026	S5A1530-CCV1	Alpha Terpineol	ug/mL	23.6	30.0	**78.7**	80 120	E20023514.D
SI40026	S5A1530-CCV1	Aniline	ug/mL	20.3	30.0	**67.7**	80 120	E20023514.D
SI40026	S5A1530-CCV1	Benzoic acid	ug/mL	6.02	30.0	**20.1**	80 120	E20023514.D
SI40026	S5A1530-CCV1	Bis(2-chloroisopropyl)ether	ug/mL	18.2	30.0	**60.6**	80 120	E20023514.D
SI40026	S5A1530-CCV1	Hexachlorocyclopentadiene	ug/mL	15.1	30.0	**50.4**	80 120	E20023514.D
SI40026	S5A1530-CCV1	N-Nitrosodimethylamine	ug/mL	16.8	30.0	**56.1**	80 120	E20023514.D
SI40026	S5A1530-CCV1	N-nitroso-di-n-propylamine	ug/mL	22.7	30.0	**75.5**	80 120	E20023514.D
SI40026	S5A1530-CCV1	Pentachlorophenol	ug/mL	21.1	30.0	**70.2**	80 120	E20023514.D
SI40026	S5A1530-CCV1	Pyridine	ug/mL	18.8	30.0	**62.8**	80 120	E20023514.D

The following QC and or client samples were affected:

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

EPA 8270E

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270E	BA50685	UIC001	25A0469-01	2
EPA 8270E	BA50685	UIC002	25A0469-02	2
EPA 8270E	BA50685	UIC002	25A0469-02RE1	20
EPA 8270E	BA50685	UIC003	25A0469-03	2
EPA 8270E	BA50685	UIC004	25A0469-04	2
EPA 8270E	BA50685	UIC004	25A0469-04RE1	20
EPA 8270E	BA50685	UIC005	25A0469-05	2
EPA 8270E	BA50685	UIC006	25A0469-06	2
EPA 8270E	BA50685	UIC006	25A0469-06RE1	20
EPA 8270E	BA50685	UIC007	25A0469-07	2
EPA 8270E	BA50685	UIC008	25A0469-08	2
EPA 8270E	BA50685	UIC009	25A0469-09	2
EPA 8270E	BA50685	UIC010	25A0469-10	2
EPA 8270E	BA50685	UIC00X	25A0469-11	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SI40026	UIC004	25A0469-04RE1	SURR: 2-Fluorophenol	**19.6**	20 - 108
SI40026	UIC004	25A0469-04RE1	SURR: Phenol-d6	**5.6**	23 - 114
SI40026	UIC004	25A0469-04RE1	SURR: Nitrobenzene-d5	**3.2**	22 - 108
SI40026	UIC006	25A0469-06RE1	SURR: Phenol-d6	**4.8**	23 - 114
SI40026	UIC006	25A0469-06RE1	SURR: Nitrobenzene-d5	**3.2**	22 - 108

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI40047

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI40047	S4I3021	S4I3021	Secondary Cal Check	S4I3021-SCV1	BNA #4	SV4418152.D
SI40047	S5A1434	S5A1434	Calibration Check	S5A1434-CCV1	BNA #4	SV4419646.D
SI40047	BA50685	S5A1434	UIC001	25A0469-01	BNA #4	SV4419652.D
SI40047	BA50685	S5A1434	UIC002	25A0469-02	BNA #4	SV4419653.D
SI40047	BA50685	S5A1434	UIC003	25A0469-03	BNA #4	SV4419654.D
SI40047	BA50685	S5A1434	UIC004	25A0469-04	BNA #4	SV4419655.D
SI40047	BA50685	S5A1434	UIC005	25A0469-05	BNA #4	SV4419656.D
SI40047	BA50685	S5A1434	UIC006	25A0469-06	BNA #4	SV4419657.D
SI40047	BA50685	S5A1434	UIC007	25A0469-07	BNA #4	SV4419658.D
SI40047	BA50685	S5A1434	UIC008	25A0469-08	BNA #4	SV4419659.D
SI40047	BA50685	S5A1434	UIC009	25A0469-09	BNA #4	SV4419660.D
SI40047	BA50685	S5A1434	UIC010	25A0469-10	BNA #4	SV4419661.D
SI40047	BA50685	S5A1434	UIC00X	25A0469-11	BNA #4	SV4419662.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SI40047	BNA #4	9/27/2024 12:47:43 AM	SV4418115.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**29.63**	20						Avg
4,6-Dinitro-2-methylphenol	**27.05**	20						Avg
Benzoic acid	**26.22**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4I3021-SCV1		SV4418152.D
Calibration Check	S5A1434-CCV1		SV4419646.D
UIC001	25A0469-01		SV4419652.D
UIC002	25A0469-02		SV4419653.D
UIC003	25A0469-03		SV4419654.D
UIC004	25A0469-04		SV4419655.D
UIC005	25A0469-05		SV4419656.D
UIC006	25A0469-06		SV4419657.D
UIC007	25A0469-07		SV4419658.D
UIC008	25A0469-08		SV4419659.D
UIC009	25A0469-09		SV4419660.D
UIC010	25A0469-10		SV4419661.D
UIC00X	25A0469-11		SV4419662.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI40047	S4I3021-SCV1	2,4-Dimethylphenol	30.0	20.1	**67.1**	70 - 130
SI40047	S4I3021-SCV1	Hexachlorocyclopentadiene	30.0	13.8	**46.1**	70 - 130
SI40047	S4I3021-SCV1	Pyridine	30.0	20.3	**67.7**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1434-CCV1	Calibration Check	SV4419646.D
25A0469-01	UIC001	SV4419652.D
25A0469-02	UIC002	SV4419653.D
25A0469-03	UIC003	SV4419654.D
25A0469-04	UIC004	SV4419655.D
25A0469-05	UIC005	SV4419656.D
25A0469-06	UIC006	SV4419657.D
25A0469-07	UIC007	SV4419658.D
25A0469-08	UIC008	SV4419659.D
25A0469-09	UIC009	SV4419660.D
25A0469-10	UIC010	SV4419661.D
25A0469-11	UIC00X	SV4419662.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI40047	S5A1434	S5A1434-CCV1	SV4419646.D	01/14/25 08:49

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SI40047	S5A1434-CCV1	2,4-Dinitrotoluene	ug/mL	36.2	30.0	**121**	80	120	SV4419646.D
SI40047	S5A1434-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	36.6	30.0	**122**	80	120	SV4419646.D
SI40047	S5A1434-CCV1	4-Bromophenyl phenyl ether	ug/mL	36.8	30.0	**123**	80	120	SV4419646.D
SI40047	S5A1434-CCV1	4-Nitrophenol	ug/mL	51.8	30.0	**173**	80	120	SV4419646.D
SI40047	S5A1434-CCV1	Benzoic acid	ug/mL	2.55	30.0	**8.5**	80	120	SV4419646.D
SI40047	S5A1434-CCV1	Bis(2-chloroisopropyl)ether	ug/mL	12.7	30.0	**42.2**	80	120	SV4419646.D
SI40047	S5A1434-CCV1	Hexachlorobutadiene	ug/mL	39.3	30.0	**131**	80	120	SV4419646.D
SI40047	S5A1434-CCV1	Hexachlorocyclopentadiene	ug/mL	2.62	30.0	**8.73**	80	120	SV4419646.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI40047	S5A1434	25A0469-01	UIC001		SV4419652.D
SI40047	S5A1434	25A0469-02	UIC002		SV4419653.D
SI40047	S5A1434	25A0469-03	UIC003		SV4419654.D
SI40047	S5A1434	25A0469-04	UIC004		SV4419655.D
SI40047	S5A1434	25A0469-05	UIC005		SV4419656.D
SI40047	S5A1434	25A0469-06	UIC006		SV4419657.D
SI40047	S5A1434	25A0469-07	UIC007		SV4419658.D
SI40047	S5A1434	25A0469-08	UIC008		SV4419659.D
SI40047	S5A1434	25A0469-09	UIC009		SV4419660.D
SI40047	S5A1434	25A0469-10	UIC010		SV4419661.D

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

EPA 8270E

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270E	BA50685	UIC001	25A0469-01	2
EPA 8270E	BA50685	UIC002	25A0469-02	2
EPA 8270E	BA50685	UIC002	25A0469-02RE1	20
EPA 8270E	BA50685	UIC003	25A0469-03	2
EPA 8270E	BA50685	UIC004	25A0469-04	2
EPA 8270E	BA50685	UIC004	25A0469-04RE1	20
EPA 8270E	BA50685	UIC005	25A0469-05	2
EPA 8270E	BA50685	UIC006	25A0469-06	2
EPA 8270E	BA50685	UIC006	25A0469-06RE1	20
EPA 8270E	BA50685	UIC007	25A0469-07	2
EPA 8270E	BA50685	UIC008	25A0469-08	2
EPA 8270E	BA50685	UIC009	25A0469-09	2
EPA 8270E	BA50685	UIC010	25A0469-10	2
EPA 8270E	BA50685	UIC00X	25A0469-11	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SI40047	UIC001	25A0469-01	SURR: 2,4,6-Tribromophenol	**120**	19 - 110
SI40047	UIC005	25A0469-05	SURR: 2,4,6-Tribromophenol	**111**	19 - 110

4.0 Analysis Issues

EPA 8270D SIM SIM Analysis

SVOA, 8270 SIM MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40012

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40012	S4K0820	S4K0820	Secondary Cal Check	S4K0820-SCV1	BNA #5	SV501381.D
SK40012	S4K0820	S4K0820	Secondary Cal Check	S4K0820-SCV2	BNA #5	SV501382.D
SK40012	S5A1436	S5A1436	Calibration Check	S5A1436-CCV1	BNA #5	SV501426.D
SK40012	BA50677	S5A1436	Blank	BA50677-BLK2	BNA #5	SV501427.D
SK40012	BA50677	S5A1436	LCS	BA50677-BS2	BNA #5	SV501428.D
SK40012	BA50677	S5A1436	Field Blank 010825	25A0469-12	BNA #5	SV501432.D
SK40012	BA50677	S5A1436	Equipment Blank 010825	25A0469-13	BNA #5	SV501433.D

Initial calibration for EPA 8270D SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SK40012	S4K0820-SCV1	Nitrobenzene	1.00	0.460	**46.0**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1436-CCV1	Calibration Check	SV501426.D
BA50677-BLK2	Blank	SV501427.D
BA50677-BS2	LCS	SV501428.D
25A0469-12	Field Blank 010825	SV501432.D
25A0469-13	Equipment Blank 010825	SV501433.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40012	S5A1436	S5A1436-CCV1	SV501426.D	01/14/25 08:52

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SK40012	S5A1436-CCV1	Nitrobenzene	ug/mL	0.920	2.50	**36.8**	70	130	SV501426.D
SK40012	S5A1436-CCV1	Pentachlorophenol	ug/mL	0.0900	1.50	**6**	70	130	SV501426.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SK40012	S5A1436	BA50677-BLK2	Blank		SV501427.D
SK40012	S5A1436	BA50677-BS2	LCS		SV501428.D
SK40012	S5A1436	25A0469-12	Field Blank 010825		SV501432.D
SK40012	S5A1436	25A0469-13	Equipment Blank 010		SV501433.D

York Analytical Work Order Narrative

EPA 8270D SIM SIM Analysis

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50677	S5A1436	BNA #5	BA50677-BLK2	SV501427.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40012	5A1436	BA50677-BS2	LCS	SV501428.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1436	LCS	BA50677-BS2	Hexachlorobutadiene		**0**		15 - 123	
S5A1436	LCS	BA50677-BS2	Hexachloroethane		**0**		18 - 115	
S5A1436	LCS	BA50677-BS2	Nitrobenzene		**0**		21 - 121	
S5A1436	LCS	BA50677-BS2	N-Nitrosodimethylamine		**0**		10 - 124	
S5A1436	LCS	BA50677-BS2	Pentachlorophenol		**0**		10 - 156	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50677	25A0469-12	Field Blank 010825	
BA50677	25A0469-13	Equipment Blank 010	
BA50677	BA50677-BLK2	Blank	

EPA 8270D SIM SIM Analysis

Dilutions: No sample dilutions were required.

EPA 8270D SIM SIM Analysis

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270E SIM

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

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40038

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40038	S4K2410	S4K2410	Secondary Cal Check	S4K2410-SCV1	MSBNA8	E800080355.D
SK40038	S5A1463	S5A1463	Calibration Check	S5A1463-CCV1	MSBNA8	E800081414.D
SK40038	BA50761	S5A1463	Blank	BA50761-BLK1	MSBNA8	E800081415.D
SK40038	BA50761	S5A1463	LCS	BA50761-BS1	MSBNA8	E800081416.D
SK40038	BA50761	S5A1463	Field Blank 010825	25A0469-12	MSBNA8	E800081419.D
SK40038	BA50761	S5A1463	Equipment Blank 010825	25A0469-13	MSBNA8	E800081420.D
SK40038	S5A1463	S5A1463	Calibration Check	S5A1463-CCV2	MSBNA8	E800081427.D

Initial calibration for EPA 8270E SIM met method guidelines.

EPA 8270E SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E SIM
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40038	S5A1463	S5A1463-CCV1	E800081414.D	01/14/25 11:52
SK40038	S5A1463	S5A1463-CCV2	E800081427.D	01/14/25 16:29

The continuing calibration verification recovered within method limits.

EPA 8270E SIM

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50761	S5A1463	MSBNA8	BA50761-BLK1	E800081415.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40038	5A1463	BA50761-BS1	LCS	E800081416.D

EPA 8270E SIM

Dilutions: No sample dilutions were required.

EPA 8270E SIM

Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues: No issues were encountered.

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA50761	MSBNA8	**SK40038**	Field Blank 010825	25A0469-12	1,2-Dichlorobenzene-d4	49	0.0000
BA50761	MSBNA8	**SK40038**	LCS	BA50761-BS1	1,2-Dichlorobenzene-d4	48	0.0000
BA50761	MSBNA8	**SK40038**	Blank	BA50761-BLK1	1,2-Dichlorobenzene-d4	47	0.0000

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40036

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV1	BNA #7	E70357504.D
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV2	BNA #7	E70357505.D
SL40036	S5A1441	S5A1441	Calibration Check	S5A1441-CCV1	BNA #7	E70357986.D
SL40036	BA50677	S5A1441	Blank	BA50677-BLK1	BNA #7	E70357987.D
SL40036	BA50677	S5A1441	LCS	BA50677-BS1	BNA #7	E70357988.D
SL40036	BA50677	S5A1441	LCS Dup	BA50677-BSD1	BNA #7	E70357989.D
SL40036	BA50677	S5A1441	Field Blank 010825	25A0469-12	BNA #7	E70357994.D
SL40036	BA50677	S5A1441	Equipment Blank 010825	25A0469-13	BNA #7	E70357995.D

Initial calibration for EPA 8270D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40036	BNA #7	12/13/2024 12:40:46 AM	E70357450.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2,4,5-Tetrachlorobenzene	**37.00**	20						Avg
2,4-Dinitrophenol	**44.99**	20						Avg
3,3-Dichlorobenzidine	**37.15**	20						Avg
4,6-Dinitro-2-methylphenol	**39.44**	20						Avg
Acetophenone	**30.55**	20						Avg
Benzaldehyde	**28.65**	20						Avg
Caprolactam	**26.92**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1716-SCV1		E70357504.D
Secondary Cal Check	S4L1716-SCV2		E70357505.D
Calibration Check	S5A1441-CCV1		E70357986.D
Blank	BA50677-BLK1		E70357987.D
LCS	BA50677-BS1		E70357988.D
LCS Dup	BA50677-BSD1		E70357989.D
Field Blank 010825	25A0469-12		E70357994.D
Equipment Blank 010825	25A0469-13		E70357995.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40036	S4L1716-SCV1	2,3,4,6-Tetrachlorophenol	30.0	40.6	**135**	70 - 130
SL40036	S4L1716-SCV1	4,6-Dinitro-2-methylphenol	30.0	48.3	**161**	70 - 130
SL40036	S4L1716-SCV1	N-nitroso-di-n-propylamine	30.0	39.8	**133**	70 - 130
SL40036	S4L1716-SCV1	N-Nitrosodiphenylamine	30.0	40.2	**134**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1441-CCV1	Calibration Check	E70357986.D
BA50677-BS1	LCS	E70357988.D
BA50677-BSD1	LCS Dup	E70357989.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40036	S5A1441	S5A1441-CCV1	E70357986.D	01/14/25 09:26

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40036	S5A1441-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	49.4	30.0	**165**	80	120	E70357986.D
SL40036	S5A1441-CCV1	2,4,6-Trichlorophenol	ug/mL	41.8	30.0	**139**	80	120	E70357986.D
SL40036	S5A1441-CCV1	2,4-Dinitrophenol	ug/mL	53.4	30.0	**178**	80	120	E70357986.D
SL40036	S5A1441-CCV1	2,4-Dinitrotoluene	ug/mL	37.7	30.0	**126**	80	120	E70357986.D
SL40036	S5A1441-CCV1	2,6-Dinitrotoluene	ug/mL	38.0	30.0	**127**	80	120	E70357986.D
SL40036	S5A1441-CCV1	2-Nitroaniline	ug/mL	37.5	30.0	**125**	80	120	E70357986.D
SL40036	S5A1441-CCV1	3-Nitroaniline	ug/mL	39.4	30.0	**131**	80	120	E70357986.D
SL40036	S5A1441-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	46.8	30.0	**156**	80	120	E70357986.D
SL40036	S5A1441-CCV1	4-Nitroaniline	ug/mL	38.2	30.0	**127**	80	120	E70357986.D
SL40036	S5A1441-CCV1	4-Nitrophenol	ug/mL	53.0	30.0	**177**	80	120	E70357986.D
SL40036	S5A1441-CCV1	N-nitroso-di-n-propylamine	ug/mL	45.2	30.0	**151**	80	120	E70357986.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40036	S5A1441	BA50677-BS1	LCS		E70357988.D
SL40036	S5A1441	BA50677-BSD1	LCS Dup		E70357989.D

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50677	S5A1441	BNA #7	BA50677-BLK1	E70357987.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40036	5A1441	BA50677-BS1	LCS	E70357988.D
SL40036	5A1441	BA50677-BSD1	LCS Dup	E70357989.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1441	LCS	BA50677-BS1	4-Nitrophenol		**0**		10 - 131	
S5A1441	LCS Dup	BA50677-BSD1	4,6-Dinitro-2-methylphenol	128	**90.7**	33.9	10 - 153	20
S5A1441	LCS Dup	BA50677-BSD1	4-Bromophenyl phenyl ether	69.6	**48.8**	35.1	34 - 120	20
S5A1441	LCS Dup	BA50677-BSD1	4-Nitroaniline	91.4	**68.2**	29.1	13 - 134	20
S5A1441	LCS Dup	BA50677-BSD1	4-Nitrophenol		**0**	0	10 - 131	20
S5A1441	LCS Dup	BA50677-BSD1	N-Nitrosodiphenylamine	89.0	**70.9**	22.6	23 - 149	20
S5A1441	LCS Dup	BA50677-BSD1	Pyridine	10.4	**15.6**	40.1	10 - 90	20

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50677	25A0469-12	Field Blank 010825	
BA50677	25A0469-13	Equipment Blank 010	
BA50677	BA50677-BLK1	Blank	

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Dilutions: No sample dilutions were required.

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Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SL40036	Equipment Blank 010825	25A0469-13	SURR: 2-Fluorobiphenyl	**38.7**	39.9 - 105
SL40036	Equipment Blank 010825	25A0469-13	SURR: 2,4,6-Tribromophenol	**35.5**	39.3 - 151

4.0 Analysis Issues

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PFAS, EPA 1633 Target List

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50002

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50002	S5A0306	S5A0306	Secondary Cal Check	S5A0306-SCV1	LCQQQ	QQQ48613.d
SA50002	S5A1335	S5A1335	Low Cal Check	S5A1335-LCV1	LCQQQ	QQQ48874.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV1	LCQQQ	QQQ48876.d
SA50002	S5A1335	S5A1335	Calibration Blank	S5A1335-CCB1	LCQQQ	QQQ48878.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV2	LCQQQ	QQQ48892.d
SA50002	S5A1335	S5A1335	Calibration Blank	S5A1335-CCB2	LCQQQ	QQQ48893.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV3	LCQQQ	QQQ48906.d
SA50002	S5A1335	S5A1335	Calibration Blank	S5A1335-CCB3	LCQQQ	QQQ48907.d
SA50002	BA50650	S5A1335	Blank	BA50650-BLK1	LCQQQ	QQQ48908.d
SA50002	BA50650	S5A1335	LCS	BA50650-BS1	LCQQQ	QQQ48909.d
SA50002	S5A1335	S5A1335	Calibration Check	S5A1335-CCV4	LCQQQ	QQQ48911.d
SA50002	S5A1460	S5A1460	Low Cal Check	S5A1460-LCV1	LCQQQ	QQQ48915.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV1	LCQQQ	QQQ48916.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB1	LCQQQ	QQQ48919.d
SA50002	BA50651	S5A1460	Blank	BA50651-BLK1	LCQQQ	QQQ48920.d
SA50002	BA50651	S5A1460	LCS	BA50651-BS1	LCQQQ	QQQ48921.d
SA50002	BA50651	S5A1460	LCS	BA50651-BS2	LCQQQ	QQQ48922.d
SA50002	BA50650	S5A1460	LCS	BA50650-BS2	LCQQQ	QQQ48923.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV2	LCQQQ	QQQ48934.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB2	LCQQQ	QQQ48935.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV3	LCQQQ	QQQ48948.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB3	LCQQQ	QQQ48949.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV4	LCQQQ	QQQ48960.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB4	LCQQQ	QQQ48961.d
SA50002	BA50650	S5A1460	Field Blank 010825	25A0469-12	LCQQQ	QQQ48966.d
SA50002	BA50650	S5A1460	Equipment Blank 010825	25A0469-13	LCQQQ	QQQ48967.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV5	LCQQQ	QQQ48970.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB5	LCQQQ	QQQ48971.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV6	LCQQQ	QQQ48988.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB6	LCQQQ	QQQ48989.d
SA50002	BA50651	S5A1460	UIC001	25A0469-01	LCQQQ	QQQ49002.d
SA50002	BA50651	S5A1460	UIC002	25A0469-02	LCQQQ	QQQ49003.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV7	LCQQQ	QQQ49004.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB7	LCQQQ	QQQ49005.d
SA50002	BA50651	S5A1460	UIC003	25A0469-03	LCQQQ	QQQ49006.d
SA50002	BA50651	S5A1460	UIC004	25A0469-04	LCQQQ	QQQ49007.d
SA50002	BA50651	S5A1460	UIC005	25A0469-05	LCQQQ	QQQ49008.d

4.0 Analysis Issues

SA50002	BA50651	S5A1460	UIC007	25A0469-07	LCQQQ	QQQ49009.d
SA50002	BA50651	S5A1460	UIC008	25A0469-08	LCQQQ	QQQ49010.d
SA50002	BA50651	S5A1460	UIC009	25A0469-09	LCQQQ	QQQ49011.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV8	LCQQQ	QQQ49014.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB8	LCQQQ	QQQ49017.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV9	LCQQQ	QQQ49032.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB9	LCQQQ	QQQ49033.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVA	LCQQQ	QQQ49040.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBA	LCQQQ	QQQ49041.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVB	LCQQQ	QQQ49050.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBB	LCQQQ	QQQ49051.d
SA50002	BA50775	S5A1460	Blank	BA50775-BLK1	LCQQQ	QQQ49052.d
SA50002	BA50775	S5A1460	LCS	BA50775-BS1	LCQQQ	QQQ49053.d
SA50002	BA50775	S5A1460	LCS	BA50775-BS2	LCQQQ	QQQ49054.d
SA50002	BA50775	S5A1460	UIC006	25A0469-06	LCQQQ	QQQ49058.d
SA50002	BA50775	S5A1460	UIC006MS2	BA50775-MS2	LCQQQ	QQQ49059.d
SA50002	BA50775	S5A1460	UIC006MSD2	BA50775-MSD2	LCQQQ	QQQ49060.d
SA50002	BA50775	S5A1460	UIC010	25A0469-10	LCQQQ	QQQ49061.d
SA50002	BA50775	S5A1460	UIC00X	25A0469-11	LCQQQ	QQQ49062.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVC	LCQQQ	QQQ49064.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBC	LCQQQ	QQQ49065.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVD	LCQQQ	QQQ49075.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBD	LCQQQ	QQQ49076.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVE	LCQQQ	QQQ49084.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBE	LCQQQ	QQQ49085.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVF	LCQQQ	QQQ49096.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBF	LCQQQ	QQQ49097.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVG	LCQQQ	QQQ49111.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBG	LCQQQ	QQQ49112.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVH	LCQQQ	QQQ49123.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBH	LCQQQ	QQQ49124.d

4.0 Analysis Issues

Initial calibration for EPA 1633 Draft 3 exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50002	LCQQQ	12/31/2024 8:00:23 AM	QQQ48592.d

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
M2-4:2 FTS	**25.04**	20						Avg
M2-6:2 FTS	**31.17**	20						Avg
M2-8:2 FTS	**27.51**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A0306-SCV1		QQQ48613.d
Low Cal Check	S5A1335-LCV1		QQQ48874.d
Calibration Check	S5A1335-CCV1		QQQ48876.d
Calibration Blank	S5A1335-CCB1		QQQ48878.d
Calibration Check	S5A1335-CCV2		QQQ48892.d
Calibration Blank	S5A1335-CCB2		QQQ48893.d
Calibration Check	S5A1335-CCV3		QQQ48906.d
Calibration Blank	S5A1335-CCB3		QQQ48907.d
Blank	BA50650-BLK1		QQQ48908.d
LCS	BA50650-BS1		QQQ48909.d
Calibration Check	S5A1335-CCV4		QQQ48911.d
Low Cal Check	S5A1460-LCV1		QQQ48915.d
Calibration Check	S5A1460-CCV1		QQQ48916.d
Calibration Blank	S5A1460-CCB1		QQQ48919.d
Blank	BA50651-BLK1		QQQ48920.d
LCS	BA50651-BS1		QQQ48921.d
LCS	BA50651-BS2		QQQ48922.d
LCS	BA50650-BS2		QQQ48923.d
Calibration Check	S5A1460-CCV2		QQQ48934.d
Calibration Blank	S5A1460-CCB2		QQQ48935.d
Calibration Check	S5A1460-CCV3		QQQ48948.d
Calibration Blank	S5A1460-CCB3		QQQ48949.d
Calibration Check	S5A1460-CCV4		QQQ48960.d
Calibration Blank	S5A1460-CCB4		QQQ48961.d
Calibration Check	S5A1460-CCV5		QQQ48970.d
Calibration Blank	S5A1460-CCB5		QQQ48971.d
Calibration Check	S5A1460-CCV6		QQQ48988.d
Calibration Blank	S5A1460-CCB6		QQQ48989.d
Calibration Check	S5A1460-CCV7		QQQ49004.d
Calibration Blank	S5A1460-CCB7		QQQ49005.d
Calibration Check	S5A1460-CCV8		QQQ49014.d
Calibration Blank	S5A1460-CCB8		QQQ49017.d
Calibration Check	S5A1460-CCV9		QQQ49032.d
Calibration Blank	S5A1460-CCB9		QQQ49033.d
Calibration Check	S5A1460-CCVA		QQQ49040.d

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Calibration Blank	S5A1460-CCBA		QQQ49041.d
Calibration Check	S5A1460-CCVB		QQQ49050.d
Calibration Blank	S5A1460-CCBB		QQQ49051.d
Blank	BA50775-BLK1		QQQ49052.d
LCS	BA50775-BS1		QQQ49053.d
LCS	BA50775-BS2		QQQ49054.d
Matrix Spike	BA50775-MS2	UIC006	QQQ49059.d
Matrix Spike Dup	BA50775-MSD2	UIC006	QQQ49060.d
Calibration Check	S5A1460-CCVC		QQQ49064.d
Calibration Blank	S5A1460-CCBC		QQQ49065.d
Calibration Check	S5A1460-CCVD		QQQ49075.d
Calibration Blank	S5A1460-CCBD		QQQ49076.d
Calibration Check	S5A1460-CCVE		QQQ49084.d
Calibration Blank	S5A1460-CCBE		QQQ49085.d
Calibration Check	S5A1460-CCVF		QQQ49096.d
Calibration Blank	S5A1460-CCBF		QQQ49097.d
Calibration Check	S5A1460-CCVG		QQQ49111.d
Calibration Blank	S5A1460-CCBG		QQQ49112.d
Calibration Check	S5A1460-CCVH		QQQ49123.d
Calibration Blank	S5A1460-CCBH		QQQ49124.d

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EPA 1633 Draft 3

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 1633 Draft 3

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50002	S5A1335	S5A1335-CCV1	QQQ48876.d	01/13/25 10:04
SA50002	S5A1335	S5A1335-CCV2	QQQ48892.d	01/13/25 15:14
SA50002	S5A1335	S5A1335-CCV3	QQQ48906.d	01/13/25 19:06
SA50002	S5A1335	S5A1335-CCV4	QQQ48911.d	01/13/25 21:09
SA50002	S5A1460	S5A1460-CCV1	QQQ48916.d	01/14/25 12:43
SA50002	S5A1460	S5A1460-CCV2	QQQ48934.d	01/14/25 17:35
SA50002	S5A1460	S5A1460-CCV3	QQQ48948.d	01/14/25 21:20
SA50002	S5A1460	S5A1460-CCV4	QQQ48960.d	01/15/25 00:34
SA50002	S5A1460	S5A1460-CCV5	QQQ48970.d	01/15/25 03:15
SA50002	S5A1460	S5A1460-CCV6	QQQ48988.d	01/15/25 09:42
SA50002	S5A1460	S5A1460-CCV7	QQQ49004.d	01/15/25 13:54
SA50002	S5A1460	S5A1460-CCV8	QQQ49014.d	01/15/25 16:35
SA50002	S5A1460	S5A1460-CCV9	QQQ49032.d	01/15/25 22:13
SA50002	S5A1460	S5A1460-CCVA	QQQ49040.d	01/16/25 07:42
SA50002	S5A1460	S5A1460-CCVB	QQQ49050.d	01/16/25 10:23
SA50002	S5A1460	S5A1460-CCVC	QQQ49064.d	01/16/25 14:20
SA50002	S5A1460	S5A1460-CCVD	QQQ49075.d	01/16/25 17:17
SA50002	S5A1460	S5A1460-CCVE	QQQ49084.d	01/16/25 19:43
SA50002	S5A1460	S5A1460-CCVF	QQQ49096.d	01/16/25 22:57
SA50002	S5A1460	S5A1460-CCVG	QQQ49111.d	01/17/25 02:58
SA50002	S5A1460	S5A1460-CCVH	QQQ49123.d	01/17/25 06:12

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50002	S5A1335-CCV2	N-EtFOSAA	ng/mL	0.300	2.50	**12**	70	130	QQQ48892.d
SA50002	S5A1335-CCV2	d5-N-EtFOSAA	ng/mL	6.58	5.00	**132**	70	130	QQQ48892.d
SA50002	S5A1335-CCV2	M2-8:2 FTS	ng/mL	7.28	4.80	**152**	70	130	QQQ48892.d
SA50002	S5A1335-CCV2	d-N-EtFOSA	ng/mL	1.71	2.50	**68.4**	70	130	QQQ48892.d
SA50002	S5A1335-CCV3	d5-N-EtFOSAA	ng/mL	6.60	5.00	**132**	70	130	QQQ48906.d
SA50002	S5A1335-CCV4	M2-6:2 FTS	ng/mL	3.17	4.76	**66.6**	70	130	QQQ48911.d
SA50002	S5A1460-CCV1	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**137**	70	130	QQQ48916.d
SA50002	S5A1460-CCV2	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**132**	70	130	QQQ48934.d
SA50002	S5A1460-CCV3	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.45	5.00	**69**	70	130	QQQ48948.d
SA50002	S5A1460-CCV3	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.2	12.5	**137**	70	130	QQQ48948.d
SA50002	S5A1460-CCV4	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**136**	70	130	QQQ48960.d
SA50002	S5A1460-CCV5	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/mL	3.23	2.40	**135**	70	130	QQQ48970.d

SA50002	S5A1460-CCV5	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.2	12.5	**138**	70	130	QQQ48970.d
SA50002	S5A1460-CCV6	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**133**	70	130	QQQ48988.d
SA50002	S5A1460-CCV7	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**133**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d5-N-EtFOSAA	ng/mL	6.56	5.00	**131**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	M2-8:2 FTS	ng/mL	7.77	4.80	**162**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d-N-MeFOSA	ng/mL	1.38	2.50	**55.1**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d-N-EtFOSA	ng/mL	1.23	2.50	**49.3**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d9-N-EtFOSE	ng/mL	11.6	25.0	**46.3**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d7-N-MeFOSE	ng/mL	14.9	25.0	**59.6**	70	130	QQQ49004.d
SA50002	S5A1460-CCV8	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/mL	3.19	2.40	**133**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	M2-6:2 FTS	ng/mL	2.26	4.76	**47.6**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	M2-4:2 FTS	ng/mL	2.20	4.69	**46.8**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	d9-N-EtFOSE	ng/mL	35.0	25.0	**140**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	d7-N-MeFOSE	ng/mL	40.4	25.0	**162**	70	130	QQQ49014.d
SA50002	S5A1460-CCV9	11CL-PF3OUdS	ng/mL	14.1	9.45	**149**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	9CL-PF3ONS	ng/mL	13.6	9.35	**145**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	ADONA	ng/mL	15.0	9.45	**159**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	N-EtFOSA	ng/mL	7.97	2.50	**319**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-6:2 FTS	ng/mL	1.72	4.76	**36.1**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-8:2 FTS	ng/mL	2.28	4.80	**47.6**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-4:2 FTS	ng/mL	1.33	4.69	**28.3**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M3HFPO-DA	ng/mL	6.85	10.0	**68.5**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	d9-N-EtFOSE	ng/mL	45.8	25.0	**183**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	d7-N-MeFOSE	ng/mL	53.5	25.0	**214**	70	130	QQQ49032.d
SA50002	S5A1460-CCVA	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.4	12.5	**148**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d-N-MeFOSA	ng/mL	1.59	2.50	**63.7**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d-N-EtFOSA	ng/mL	1.67	2.50	**66.6**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d5-NEtFOSA-EIS	ng/mL	2.50	2.50	**1630**	0	500	QQQ49040.d
SA50002	S5A1460-CCVB	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.45	5.00	**69**	70	130	QQQ49050.d
SA50002	S5A1460-CCVB	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.2	12.5	**146**	70	130	QQQ49050.d
SA50002	S5A1460-CCVC	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.9	12.5	**143**	70	130	QQQ49064.d
SA50002	S5A1460-CCVC	d5-N-EtFOSAA	ng/mL	7.20	5.00	**144**	70	130	QQQ49064.d
SA50002	S5A1460-CCVD	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.2	12.5	**146**	70	130	QQQ49075.d
SA50002	S5A1460-CCVE	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.9	12.5	**143**	70	130	QQQ49084.d
SA50002	S5A1460-CCVF	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.3	12.5	**138**	70	130	QQQ49096.d
SA50002	S5A1460-CCVG	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.4	12.5	**147**	70	130	QQQ49111.d
SA50002	S5A1460-CCVG	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	ng/mL	1.64	1.25	**131**	70	130	QQQ49111.d
SA50002	S5A1460-CCVH	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.7	12.5	**142**	70	130	QQQ49123.d

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The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50002	S5A1335	S5A1335-LCV1	Low Cal Check		QQQ48874.d
SA50002	S5A1335	S5A1335-CCB1	Calibration Blank		QQQ48878.d
SA50002	S5A1335	S5A1335-CCB2	Calibration Blank		QQQ48893.d
SA50002	S5A1335	S5A1335-CCB3	Calibration Blank		QQQ48907.d
SA50002	S5A1335	BA50650-BLK1	Blank		QQQ48908.d
SA50002	S5A1335	BA50650-BS1	LCS		QQQ48909.d
SA50002	S5A1460	S5A1460-LCV1	Low Cal Check		QQQ48915.d
SA50002	S5A1460	S5A1460-CCB1	Calibration Blank		QQQ48919.d
SA50002	S5A1460	BA50651-BLK1	Blank		QQQ48920.d
SA50002	S5A1460	BA50651-BS1	LCS		QQQ48921.d
SA50002	S5A1460	BA50651-BS2	LCS		QQQ48922.d
SA50002	S5A1460	BA50650-BS2	LCS		QQQ48923.d
SA50002	S5A1460	S5A1460-CCB2	Calibration Blank		QQQ48935.d
SA50002	S5A1460	S5A1460-CCB3	Calibration Blank		QQQ48949.d
SA50002	S5A1460	S5A1460-CCB4	Calibration Blank		QQQ48961.d
SA50002	S5A1460	25A0469-12	Field Blank 010825		QQQ48966.d
SA50002	S5A1460	25A0469-13	Equipment Blank 010		QQQ48967.d
SA50002	S5A1460	S5A1460-CCB5	Calibration Blank		QQQ48971.d
SA50002	S5A1460	S5A1460-CCB6	Calibration Blank		QQQ48989.d
SA50002	S5A1460	25A0469-01	UIC001		QQQ49002.d
SA50002	S5A1460	25A0469-02	UIC002		QQQ49003.d
SA50002	S5A1460	S5A1460-CCB7	Calibration Blank		QQQ49005.d
SA50002	S5A1460	25A0469-03	UIC003		QQQ49006.d
SA50002	S5A1460	25A0469-04	UIC004		QQQ49007.d
SA50002	S5A1460	25A0469-05	UIC005		QQQ49008.d
SA50002	S5A1460	25A0469-07	UIC007		QQQ49009.d
SA50002	S5A1460	25A0469-08	UIC008		QQQ49010.d
SA50002	S5A1460	25A0469-09	UIC009		QQQ49011.d
SA50002	S5A1460	S5A1460-CCB8	Calibration Blank		QQQ49017.d
SA50002	S5A1460	S5A1460-CCB9	Calibration Blank		QQQ49033.d
SA50002	S5A1460	S5A1460-CCBA	Calibration Blank		QQQ49041.d
SA50002	S5A1460	S5A1460-CCBB	Calibration Blank		QQQ49051.d
SA50002	S5A1460	BA50775-BLK1	Blank		QQQ49052.d
SA50002	S5A1460	BA50775-BS1	LCS		QQQ49053.d
SA50002	S5A1460	BA50775-BS2	LCS		QQQ49054.d
SA50002	S5A1460	25A0469-06	UIC006		QQQ49058.d
SA50002	S5A1460	BA50775-MS2	Matrix Spike	UIC006	QQQ49059.d
SA50002	S5A1460	BA50775-MSD2	Matrix Spike Dup	UIC006	QQQ49060.d
SA50002	S5A1460	25A0469-10	UIC010		QQQ49061.d
SA50002	S5A1460	25A0469-11	UIC00X		QQQ49062.d
SA50002	S5A1460	S5A1460-CCBC	Calibration Blank		QQQ49065.d
SA50002	S5A1460	S5A1460-CCBD	Calibration Blank		QQQ49076.d
SA50002	S5A1460	S5A1460-CCBE	Calibration Blank		QQQ49085.d
SA50002	S5A1460	S5A1460-CCBF	Calibration Blank		QQQ49097.d
SA50002	S5A1460	S5A1460-CCBG	Calibration Blank		QQQ49112.d
SA50002	S5A1460	S5A1460-CCBH	Calibration Blank		QQQ49124.d

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Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
PFAS	BA50650	S5A1335	LCQQQ	BA50650-BLK1	QQQ48908.d
PFAS	BA50651	S5A1460	LCQQQ	BA50651-BLK1	QQQ48920.d
PFAS	BA50775	S5A1460	LCQQQ	BA50775-BLK1	QQQ49052.d

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1460	Blank	BA50775-BLK1	Soil	Taurodeoxycholic Acid (TDC	0.00		ug/kg wet
S5A1460	Blank	BA50651-BLK1	Soil	Taurodeoxycholic Acid (TDC	0.00		ug/kg wet
S5A1335	Blank	BA50650-BLK1	Water	Taurodeoxycholic Acid (TDC	0.00		ng/L
S5A1460	Blank	BA50775-BLK1	Soil	Taurochenodeoxycholic Aci	0.00		ug/kg wet
S5A1460	Blank	BA50651-BLK1	Soil	Taurochenodeoxycholic Aci	0.00		ug/kg wet
S5A1335	Blank	BA50650-BLK1	Water	Taurochenodeoxycholic Aci	0.00		ng/L
S5A1460	Blank	BA50775-BLK1	Soil	Tauroursodeoxycholic Acid (	0.00		ug/kg wet
S5A1460	Blank	BA50651-BLK1	Soil	Tauroursodeoxycholic Acid (	0.00		ug/kg wet
S5A1335	Blank	BA50650-BLK1	Water	Tauroursodeoxycholic Acid (	0.00		ng/L

The following QC and or client samples had positive(s) in associated blanks:

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50002	5A1335	BA50650-BS1	LCS	QQQ48909.d
SA50002	5A1460	BA50650-BS2	LCS	QQQ48923.d
SA50002	5A1460	BA50651-BS1	LCS	QQQ48921.d
SA50002	5A1460	BA50651-BS2	LCS	QQQ48922.d
SA50002	5A1460	BA50775-BS1	LCS	QQQ49053.d
SA50002	5A1460	BA50775-BS2	LCS	QQQ49054.d

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1335	LCS	BA50650-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**12**		50 - 150	
S5A1460	LCS	BA50650-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**8.43**		50 - 150	
S5A1460	LCS	BA50651-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**13**		50 - 150	
S5A1460	LCS	BA50651-BS2	Perfluoro-n-butanoic acid (PFBA)		**48.9**		50 - 150	
S5A1460	LCS	BA50651-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**7.9**		50 - 150	
S5A1460	LCS	BA50775-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**17.8**		50 - 150	
S5A1460	LCS	BA50775-BS2	11CL-PF3OUdS		**49.2**		50 - 150	
S5A1460	LCS	BA50775-BS2	Perfluorododecanesulfonic acid (PFDoS)		**44.1**		50 - 150	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50651	25A0469-01	UIC001	
BA50651	25A0469-02	UIC002	
BA50651	25A0469-03	UIC003	

BA50651	25A0469-04	UIC004	
BA50651	25A0469-05	UIC005	
BA50775	25A0469-06	UIC006	
BA50651	25A0469-07	UIC007	
BA50651	25A0469-08	UIC008	
BA50651	25A0469-09	UIC009	
BA50775	25A0469-10	UIC010	
BA50775	25A0469-11	UIC00X	
BA50650	25A0469-12	Field Blank 010825	
BA50650	25A0469-13	Equipment Blank 010	
BA50650	BA50650-BLK1	Blank	
BA50651	BA50651-BLK1	Blank	
BA50775	BA50775-BLK1	Blank	
BA50775	BA50775-MS2	Matrix Spike	UIC006
BA50775	BA50775-MSD2	Matrix Spike Dup	UIC006
S5A1335	S5A1335-LCV1	Low Cal Check	
S5A1460	S5A1460-LCV1	Low Cal Check	

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PFAS	**SA50002**	BA50775	S5A1460	UIC006MS2	25A0469-06	UIC006	BA50775-MS2
PFAS	**SA50002**	BA50775	S5A1460	UIC006MSD2	25A0469-06	UIC006	BA50775-MSD2

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1460	UIC006	BA50775-MS2	Perfluoro-4-oxapentanoic acid (PFMPA)	ug/kg dry		20.1		25 - 150	
S5A1460	UIC006	BA50775-MS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	ug/kg dry		6.77		25 - 150	
S5A1460	UIC006	BA50775-MSD2	M2-8:2 FTS	ug/kg dry	163	214		25 - 200	

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1460	UIC006MSD2	25A0469-06	BA50775-MSD2	Perfluoro-4-oxapentanoic acid (PFMPA)	125	30	

Dilutions: No sample dilutions were required.

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Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues:

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3PFBA	123	1.2071
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFBA	138	1.3723
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFDA	121	8.9039
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFDA	119	8.8482
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFHxA	134	6.2522
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFHxA	126	6.1963
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFHxS	129	7.2051
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFHxS	137	7.1403
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFNA	112	8.3956
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFNA	123	8.3307
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFOA	105	7.7272
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFOA	119	7.7832
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFOS	125	8.3661
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	MPFOS	123	8.4310
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	138	8.3303
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	125	8.3859
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	134	7.7828
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	126	7.7267
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	131	4.7180
BA50651	LCQQQ	**SA50002**	LCS	BA50651-BS2	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	48	0.0000
BA50650	LCQQQ	**SA50002**	LCS	BA50650-BS2	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	47	0.0092
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	124	4.4867
BA50650	LCQQQ	**SA50002**	Blank	BA50650-BLK1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	48	0.0276
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	117	1.2048
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	120	1.3701
BA50650	LCQQQ	**SA50002**	Equipment Blank 010825	25A0469-13	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0184

BA50775	LCQQQ	**SA50002**	UIC00X	25A0469-11	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	15	0.0092
BA50651	LCQQQ	**SA50002**	UIC003	25A0469-03	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	25	0.0367
BA50651	LCQQQ	**SA50002**	LCS	BA50651-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0184
BA50650	LCQQQ	**SA50002**	Blank	BA50650-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0184
BA50650	LCQQQ	**SA50002**	Field Blank 010825	25A0469-12	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0275
BA50650	LCQQQ	**SA50002**	LCS	BA50650-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	1	0.0092
BA50650	LCQQQ	**SA50002**	LCS	BA50650-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.1836
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	12	0.0092
BA50651	LCQQQ	**SA50002**	UIC009	25A0469-09	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	5	0.0275
BA50775	LCQQQ	**SA50002**	LCS	BA50775-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	4	0.0275
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	27	0.0275
BA50651	LCQQQ	**SA50002**	Blank	BA50651-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.0184
BA50775	LCQQQ	**SA50002**	Matrix Spike	BA50775-MS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	5	0.0367
BA50651	LCQQQ	**SA50002**	LCS	BA50651-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.0092
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	33	-0.0558
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	49	-0.0185
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	138	9.6517
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	94	9.7072
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	149	8.4211
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	143	8.3655

BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	48	-0.0278
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	122	9.4258
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	131	9.3887
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	M7PFUdA-EIS	46	-0.0556
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M7PFUdA-EIS	117	9.3392
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M7PFUdA-EIS	115	9.2825
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M6PFDA-EIS	134	8.8478
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M6PFDA-EIS	145	8.9035
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M5PFHxA-EIS	124	6.1953
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M5PFHxA-EIS	117	6.2513
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M4PFHpA-EIS	125	7.0311
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M4PFHpA-EIS	112	7.0959
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3PFHxS-EIS	127	7.2055
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFHxS-EIS	132	7.1408
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFBS-EIS	122	5.4086
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3PFBS-EIS	123	5.3810
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M3-HFPO-DA-EIS	123	6.5502
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3-HFPO-DA-EIS	133	6.4853
BA50775	LCQQQ	**SA50002**	UIC00X	25A0469-11	M2PFTeDA-EIS	20	0.0184
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	M2PFTeDA-EIS	20	-0.0276
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2PFTeDA-EIS	124	10.2579
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	M2PFTeDA-EIS	10	-0.0552
BA50651	LCQQQ	**SA50002**	UIC007	25A0469-07	M2PFTeDA-EIS	45	-0.0184
BA50651	LCQQQ	**SA50002**	UIC003	25A0469-03	M2PFTeDA-EIS	30	-0.0276
BA50651	LCQQQ	**SA50002**	UIC002	25A0469-02	M2PFTeDA-EIS	41	0.0829
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2PFTeDA-EIS	91	10.3132
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-8-2FTS-EIS	98	8.8184
BA50775	LCQQQ	**SA50002**	Matrix Spike Dup	BA50775-MSD2	M2-8-2FTS-EIS	227	0.0000
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2-8-2FTS-EIS	152	8.8657
BA50651	LCQQQ	**SA50002**	UIC003	25A0469-03	M2-6-2FTS-EIS	211	0.0189
BA50651	LCQQQ	**SA50002**	UIC002	25A0469-02	M2-6-2FTS-EIS	233	0.0556
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	M2-6-2FTS-EIS	219	-0.0185
BA50651	LCQQQ	**SA50002**	UIC001	25A0469-01	M2-6-2FTS-EIS	226	0.0649
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	M2-6-2FTS-EIS	220	-0.0278
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-6-2FTS-EIS	119	7.6703
BA50775	LCQQQ	**SA50002**	UIC00X	25A0469-11	M2-6-2FTS-EIS	220	0.0093
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2-6-2FTS-EIS	155	7.7258
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-4-2FTS-EIS	116	6.1289
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	M2-4-2FTS-EIS	138	6.1757
BA50651	LCQQQ	**SA50002**	UIC001	25A0469-01	d9-NEtFOSE-EIS	42	0.1105
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	d9-NEtFOSE-EIS	18	-0.0276
BA50775	LCQQQ	**SA50002**	UIC00X	25A0469-11	d9-NEtFOSE-EIS	30	0.0553
BA50651	LCQQQ	**SA50002**	UIC002	25A0469-02	d9-NEtFOSE-EIS	31	0.1382
BA50651	LCQQQ	**SA50002**	UIC007	25A0469-07	d9-NEtFOSE-EIS	45	-0.0092
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d9-NEtFOSE-EIS	82	10.3899

BA50651	LCQQQ	**SA50002**	UIC003	25A0469-03	d9-NEtFOSE-EIS	29	-0.0092
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	d9-NEtFOSE-EIS	29	-0.0092
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d9-NEtFOSE-EIS	139	10.3162
BA50651	LCQQQ	**SA50002**	UIC002	25A0469-02	d7-NMeFOSE-EIS	36	0.1381
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d7-NMeFOSE-EIS	76	10.1508
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d7-NMeFOSE-EIS	123	10.0771
BA50651	LCQQQ	**SA50002**	UIC003	25A0469-03	d7-NMeFOSE-EIS	38	-0.0092
BA50651	LCQQQ	**SA50002**	UIC001	25A0469-01	d7-NMeFOSE-EIS	43	0.1105
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	d7-NMeFOSE-EIS	21	-0.0369
BA50775	LCQQQ	**SA50002**	UIC00X	25A0469-11	d7-NMeFOSE-EIS	39	0.0553
BA50651	LCQQQ	**SA50002**	UIC009	25A0469-09	d7-NMeFOSE-EIS	44	-0.0737
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	d7-NMeFOSE-EIS	38	-0.0092
BA50775	LCQQQ	**SA50002**	UIC006	25A0469-06	d5-NEtFOSA-EIS	43	0.0276
BA50651	LCQQQ	**SA50002**	UIC007	25A0469-07	d5-NEtFOSA-EIS	38	0.0000
BA50651	LCQQQ	**SA50002**	UIC008	25A0469-08	d5-NEtFOSA-EIS	39	-0.0461
BA50651	LCQQQ	**SA50002**	UIC009	25A0469-09	d5-NEtFOSA-EIS	43	-0.0737
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d5-NEtFOSA-EIS	119	10.3556
BA50651	LCQQQ	**SA50002**	UIC001	25A0469-01	d5-NEtFOSA-EIS	35	0.1013
BA50651	LCQQQ	**SA50002**	UIC003	25A0469-03	d5-NEtFOSA-EIS	27	-0.0092
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	d5-NEtFOSA-EIS	26	-0.0092
BA50775	LCQQQ	**SA50002**	UIC010	25A0469-10	d5-NEtFOSA-EIS	45	0.0184
BA50775	LCQQQ	**SA50002**	UIC00X	25A0469-11	d5-NEtFOSA-EIS	25	0.0553
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	d5-NEtFOSA-EIS	17	-0.0368
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d5-NEtFOSA-EIS	74	10.4293
BA50651	LCQQQ	**SA50002**	UIC002	25A0469-02	d5-NEtFOSA-EIS	23	0.1290
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d5-N-EtFOSAA-EIS	129	9.3190
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d5-N-EtFOSAA-EIS	126	9.2722
BA50651	LCQQQ	**SA50002**	UIC003	25A0469-03	d3-NMeFOSA-EIS	34	0.0000
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d3-NMeFOSA-EIS	65	10.1827
BA50651	LCQQQ	**SA50002**	UIC009	25A0469-09	d3-NMeFOSA-EIS	49	-0.0737
BA50651	LCQQQ	**SA50002**	UIC005	25A0469-05	d3-NMeFOSA-EIS	32	-0.0092
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d3-NMeFOSA-EIS	124	10.1091
BA50651	LCQQQ	**SA50002**	UIC001	25A0469-01	d3-NMeFOSA-EIS	46	0.1106
BA50775	LCQQQ	**SA50002**	UIC00X	25A0469-11	d3-NMeFOSA-EIS	30	0.0552
BA50651	LCQQQ	**SA50002**	UIC004	25A0469-04	d3-NMeFOSA-EIS	26	-0.0369
BA50651	LCQQQ	**SA50002**	UIC002	25A0469-02	d3-NMeFOSA-EIS	31	0.1383
S5A1335	LCQQQ	**SA50002**	Low Cal Check	S5A1335-LCV1	d3-N-MeFOSAA-EIS	123	9.1060
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d3-N-MeFOSAA-EIS	117	9.0502

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50002	LCS	BA50650-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.1**	25 - 150
SA50002	Blank	BA50650-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.41**	25 - 150
SA50002	LCS	BA50650-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.82**	25 - 150
SA50002	Field Blank 010825	25A0469-12	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.12**	25 - 150
SA50002	Equipment Blank 010825	25A0469-13	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.71**	25 - 150

SA50002	Blank	BA50651-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.36**	25 - 150
SA50002	LCS	BA50651-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.82**	25 - 150
SA50002	LCS	BA50651-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.05**	25 - 150
SA50002	UIC001	25A0469-01	M2-6:2 FTS	**238**	25 - 200
SA50002	UIC001	25A0469-01	M2-8:2 FTS	**216**	25 - 200
SA50002	UIC001	25A0469-01	M2-4:2 FTS	**171**	25 - 150
SA50002	UIC002	25A0469-02	M2-6:2 FTS	**268**	25 - 200
SA50002	UIC002	25A0469-02	M2-8:2 FTS	**213**	25 - 200
SA50002	UIC002	25A0469-02	M2-4:2 FTS	**231**	25 - 150
SA50002	UIC003	25A0469-03	M2-6:2 FTS	**230**	25 - 200
SA50002	UIC003	25A0469-03	M2-8:2 FTS	**204**	25 - 200
SA50002	UIC003	25A0469-03	M2-4:2 FTS	**185**	25 - 150
SA50002	UIC004	25A0469-04	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	**156**	25 - 150
SA50002	UIC004	25A0469-04	M2-6:2 FTS	**238**	25 - 200
SA50002	UIC004	25A0469-04	M2-4:2 FTS	**183**	25 - 150
SA50002	UIC004	25A0469-04	d-N-EtFOSA	**24**	25 - 150
SA50002	UIC005	25A0469-05	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**18**	25 - 150
SA50002	UIC005	25A0469-05	M2-6:2 FTS	**241**	25 - 200
SA50002	UIC005	25A0469-05	M2-8:2 FTS	**223**	25 - 200
SA50002	UIC005	25A0469-05	M2-4:2 FTS	**177**	25 - 150
SA50002	UIC007	25A0469-07	M2-8:2 FTS	**202**	25 - 200
SA50002	UIC009	25A0469-09	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**7.49**	25 - 150
SA50002	LCS	BA50775-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**5.5**	25 - 150
SA50002	Matrix Spike	BA50775-MS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**6.77**	25 - 150
SA50002	Matrix Spike Dup	BA50775-MSD2	M2-8:2 FTS	**214**	25 - 200
SA50002	UIC00X	25A0469-11	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**18.9**	25 - 150
SA50002	UIC00X	25A0469-11	M2-6:2 FTS	**207**	25 - 200
SA50002	UIC00X	25A0469-11	M2-4:2 FTS	**155**	25 - 150
SA50002	Calibration Check	S5A1335-CCV2	d5-N-EtFOSAA	**132**	70 - 130
SA50002	Calibration Check	S5A1335-CCV2	M2-8:2 FTS	**152**	70 - 130
SA50002	Calibration Check	S5A1335-CCV2	d-N-EtFOSA	**68.4**	70 - 130
SA50002	Calibration Check	S5A1335-CCV3	d5-N-EtFOSAA	**132**	70 - 130
SA50002	Calibration Check	S5A1335-CCV4	M2-6:2 FTS	**66.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d5-N-EtFOSAA	**131**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	M2-8:2 FTS	**162**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d-N-MeFOSA	**55.1**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d-N-EtFOSA	**49.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d9-N-EtFOSE	**46.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d7-N-MeFOSE	**59.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	M2-6:2 FTS	**47.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	M2-4:2 FTS	**46.8**	70 - 130

SA50002	Calibration Check	S5A1460-CCV8	d9-N-EtFOSE	**140**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	d7-N-MeFOSE	**162**	70 - 130
SA50002	Calibration Blank	S5A1460-CCB8	d9-N-EtFOSE	**165**	25 - 150
SA50002	Calibration Blank	S5A1460-CCB8	d7-N-MeFOSE	**162**	25 - 150
SA50002	Calibration Check	S5A1460-CCV9	M2-6:2 FTS	**36.1**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M2-8:2 FTS	**47.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M2-4:2 FTS	**28.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M3HFPO-DA	**68.5**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	d9-N-EtFOSE	**183**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	d7-N-MeFOSE	**214**	70 - 130
SA50002	Calibration Blank	S5A1460-CCB9	d9-N-EtFOSE	**217**	25 - 150
SA50002	Calibration Blank	S5A1460-CCB9	d7-N-MeFOSE	**224**	25 - 150
SA50002	Calibration Check	S5A1460-CCVA	d-N-MeFOSA	**63.7**	70 - 130
SA50002	Calibration Check	S5A1460-CCVA	d-N-EtFOSA	**66.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCVC	d5-N-EtFOSAA	**144**	70 - 130
SA50002	Calibration Check	S5A1460-CCVG	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	**131**	70 - 130

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50012

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50012	S5A0830	S5A0830	Performance Mix	S5A0830-PEM1	GC_5890_I	P20526730.d
SA50012	S5A0830	S5A0830	Secondary Cal Check	S5A0830-SCV1	GC_5890_I	P20526744.d
SA50012	S5A1012	S5A1012	Performance Mix	S5A1012-PEM1	GC_5890_I	P20526821.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV2	GC_5890_I	P20526824.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV3	GC_5890_I	P20526825.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV1	GC_5890_I	P20526826.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV4	GC_5890_I	P20526832.d
SA50012	S5A1012	S5A1012	Performance Mix	S5A1012-PEM2	GC_5890_I	P20526833.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV5	GC_5890_I	P20526845.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV6	GC_5890_I	P20526857.d
SA50012	BA50563	S5A1012	Blank	BA50563-BLK1	GC_5890_I	P20526867.d
SA50012	BA50563	S5A1012	LCS	BA50563-BS1	GC_5890_I	P20526868.d
SA50012	BA50563	S5A1012	LCS Dup	BA50563-BSD1	GC_5890_I	P20526869.d
SA50012	S5A1012	S5A1012	Calibration Check	S5A1012-CCV7	GC_5890_I	P20526870.d

Initial calibration for EPA 8081B met method guidelines.

York Analytical Work Order Narrative

EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50012	S5A1012	S5A1012-CCV1	P20526826.d	01/10/25 09:53
SA50012	S5A1012	S5A1012-CCV2	P20526824.d	01/10/25 08:43
SA50012	S5A1012	S5A1012-CCV3	P20526825.d	01/10/25 09:32
SA50012	S5A1012	S5A1012-CCV4	P20526832.d	01/10/25 11:39
SA50012	S5A1012	S5A1012-CCV5	P20526845.d	01/10/25 19:55
SA50012	S5A1012	S5A1012-CCV6	P20526857.d	01/10/25 23:00
SA50012	S5A1012	S5A1012-CCV7	P20526870.d	01/11/25 02:21

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50012	S5A1012-CCV1	4,4'-DDD [2C]	ng/mL	54.7	50.0	**109**			P20526826.d
SA50012	S5A1012-CCV1	4,4'-DDE [2C]	ng/mL	55.6	50.0	**111**			P20526826.d
SA50012	S5A1012-CCV1	4,4'-DDT [2C]	ng/mL	57.5	50.0	**115**			P20526826.d
SA50012	S5A1012-CCV1	Aldrin [2C]	ng/mL	56.7	50.0	**113**			P20526826.d
SA50012	S5A1012-CCV1	alpha-BHC [2C]	ng/mL	56.1	50.0	**112**			P20526826.d
SA50012	S5A1012-CCV1	alpha-Chlordane [2C]	ng/mL	56.0	50.0	**112**			P20526826.d
SA50012	S5A1012-CCV1	beta-BHC [2C]	ng/mL	57.2	50.0	**114**			P20526826.d
SA50012	S5A1012-CCV1	delta-BHC [2C]	ng/mL	58.8	50.0	**118**			P20526826.d
SA50012	S5A1012-CCV1	Endosulfan I [2C]	ng/mL	54.7	50.0	**109**			P20526826.d
SA50012	S5A1012-CCV1	Endosulfan II [2C]	ng/mL	54.6	50.0	**109**			P20526826.d
SA50012	S5A1012-CCV1	Endosulfan sulfate [2C]	ng/mL	56.5	50.0	**113**			P20526826.d
SA50012	S5A1012-CCV1	Endrin [2C]	ng/mL	58.6	50.0	**117**			P20526826.d
SA50012	S5A1012-CCV1	Endrin aldehyde [2C]	ng/mL	53.6	50.0	**107**			P20526826.d
SA50012	S5A1012-CCV1	Endrin ketone [2C]	ng/mL	53.6	50.0	**107**			P20526826.d
SA50012	S5A1012-CCV1	gamma-BHC (Lindane) [2C]	ng/mL	56.0	50.0	**112**			P20526826.d
SA50012	S5A1012-CCV1	gamma-Chlordane [2C]	ng/mL	56.1	50.0	**112**			P20526826.d
SA50012	S5A1012-CCV1	Heptachlor [2C]	ng/mL	57.2	50.0	**114**			P20526826.d
SA50012	S5A1012-CCV1	Heptachlor epoxide [2C]	ng/mL	55.0	50.0	**110**			P20526826.d
SA50012	S5A1012-CCV1	Methoxychlor [2C]	ng/mL	58.9	50.0	**118**			P20526826.d
SA50012	S5A1012-CCV1	Decachlorobiphenyl	ng/mL	114	160	**71.5**	80	120	P20526826.d
SA50012	S5A1012-CCV1	Decachlorobiphenyl [2C]	ng/mL	116	160	**72.5**			P20526826.d
SA50012	S5A1012-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	136	160	**84.9**			P20526826.d
SA50012	S5A1012-CCV2	Chlordane, total	ng/mL	1330	1000	**133**	80	120	P20526824.d
SA50012	S5A1012-CCV3	Toxaphene	ng/mL	3190	2000	**160**	80	120	P20526825.d
SA50012	S5A1012-CCV3	Toxaphene [2C]	ng/mL	2180	2000	**109**			P20526825.d
SA50012	S5A1012-CCV4	4,4'-DDD [2C]	ng/mL	54.3	50.0	**109**			P20526832.d
SA50012	S5A1012-CCV4	4,4'-DDE [2C]	ng/mL	52.3	50.0	**105**			P20526832.d
SA50012	S5A1012-CCV4	4,4'-DDT [2C]	ng/mL	56.8	50.0	**114**			P20526832.d
SA50012	S5A1012-CCV4	Aldrin [2C]	ng/mL	55.9	50.0	**112**			P20526832.d
SA50012	S5A1012-CCV4	alpha-BHC [2C]	ng/mL	55.1	50.0	**110**			P20526832.d
SA50012	S5A1012-CCV4	alpha-Chlordane [2C]	ng/mL	54.6	50.0	**109**			P20526832.d
SA50012	S5A1012-CCV4	beta-BHC [2C]	ng/mL	55.0	50.0	**110**			P20526832.d

SA50012	S5A1012-CCV4	delta-BHC [2C]	ng/mL	55.7	50.0	**111**			P20526832.d
SA50012	S5A1012-CCV4	Endosulfan I [2C]	ng/mL	53.2	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Endosulfan II [2C]	ng/mL	53.0	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Endosulfan sulfate [2C]	ng/mL	57.7	50.0	**115**			P20526832.d
SA50012	S5A1012-CCV4	Endrin [2C]	ng/mL	55.2	50.0	**110**			P20526832.d
SA50012	S5A1012-CCV4	Endrin aldehyde [2C]	ng/mL	53.0	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Endrin ketone [2C]	ng/mL	51.8	50.0	**104**			P20526832.d
SA50012	S5A1012-CCV4	gamma-BHC (Lindane) [2C]	ng/mL	55.6	50.0	**111**			P20526832.d
SA50012	S5A1012-CCV4	gamma-Chlordane [2C]	ng/mL	55.2	50.0	**110**			P20526832.d
SA50012	S5A1012-CCV4	Heptachlor [2C]	ng/mL	55.4	50.0	**111**			P20526832.d
SA50012	S5A1012-CCV4	Heptachlor epoxide [2C]	ng/mL	52.9	50.0	**106**			P20526832.d
SA50012	S5A1012-CCV4	Methoxychlor [2C]	ng/mL	59.6	50.0	**119**			P20526832.d
SA50012	S5A1012-CCV4	Decachlorobiphenyl	ng/mL	122	160	**76.2**	80	120	P20526832.d
SA50012	S5A1012-CCV4	Decachlorobiphenyl [2C]	ng/mL	118	160	**73.9**			P20526832.d
SA50012	S5A1012-CCV4	Tetrachloro-m-xylene [2C]	ng/mL	131	160	**82.1**			P20526832.d
SA50012	S5A1012-CCV5	4,4'-DDD [2C]	ng/mL	58.9	50.0	**118**			P20526845.d
SA50012	S5A1012-CCV5	4,4'-DDE [2C]	ng/mL	52.4	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	4,4'-DDT [2C]	ng/mL	43.4	50.0	**86.7**			P20526845.d
SA50012	S5A1012-CCV5	Aldrin [2C]	ng/mL	52.8	50.0	**106**			P20526845.d
SA50012	S5A1012-CCV5	alpha-BHC [2C]	ng/mL	53.1	50.0	**106**			P20526845.d
SA50012	S5A1012-CCV5	alpha-Chlordane [2C]	ng/mL	52.3	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	beta-BHC [2C]	ng/mL	52.2	50.0	**104**			P20526845.d
SA50012	S5A1012-CCV5	delta-BHC [2C]	ng/mL	51.3	50.0	**103**			P20526845.d
SA50012	S5A1012-CCV5	Endosulfan I [2C]	ng/mL	52.3	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	Endosulfan II [2C]	ng/mL	52.7	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	Endosulfan sulfate [2C]	ng/mL	55.3	50.0	**111**			P20526845.d
SA50012	S5A1012-CCV5	Endrin [2C]	ng/mL	50.1	50.0	**100**			P20526845.d
SA50012	S5A1012-CCV5	Endrin aldehyde [2C]	ng/mL	55.0	50.0	**110**			P20526845.d
SA50012	S5A1012-CCV5	Endrin ketone [2C]	ng/mL	55.5	50.0	**111**			P20526845.d
SA50012	S5A1012-CCV5	gamma-BHC (Lindane) [2C]	ng/mL	53.4	50.0	**107**			P20526845.d
SA50012	S5A1012-CCV5	gamma-Chlordane [2C]	ng/mL	52.6	50.0	**105**			P20526845.d
SA50012	S5A1012-CCV5	Heptachlor [2C]	ng/mL	50.9	50.0	**102**			P20526845.d
SA50012	S5A1012-CCV5	Heptachlor epoxide [2C]	ng/mL	51.9	50.0	**104**			P20526845.d
SA50012	S5A1012-CCV5	Methoxychlor [2C]	ng/mL	50.4	50.0	**101**			P20526845.d
SA50012	S5A1012-CCV5	Decachlorobiphenyl	ng/mL	120	160	**75**	80	120	P20526845.d
SA50012	S5A1012-CCV5	Decachlorobiphenyl [2C]	ng/mL	113	160	**70.7**			P20526845.d
SA50012	S5A1012-CCV5	Tetrachloro-m-xylene [2C]	ng/mL	128	160	**80.2**			P20526845.d
SA50012	S5A1012-CCV6	4,4'-DDD [2C]	ng/mL	59.2	50.0	**118**			P20526857.d
SA50012	S5A1012-CCV6	4,4'-DDE [2C]	ng/mL	52.3	50.0	**105**			P20526857.d
SA50012	S5A1012-CCV6	4,4'-DDT [2C]	ng/mL	43.5	50.0	**87.1**			P20526857.d
SA50012	S5A1012-CCV6	Aldrin [2C]	ng/mL	53.3	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	alpha-BHC [2C]	ng/mL	53.1	50.0	**106**			P20526857.d
SA50012	S5A1012-CCV6	alpha-Chlordane [2C]	ng/mL	53.1	50.0	**106**			P20526857.d
SA50012	S5A1012-CCV6	beta-BHC [2C]	ng/mL	52.1	50.0	**104**			P20526857.d
SA50012	S5A1012-CCV6	delta-BHC [2C]	ng/mL	50.4	50.0	**101**			P20526857.d
SA50012	S5A1012-CCV6	Endosulfan I [2C]	ng/mL	53.0	50.0	**106**			P20526857.d
SA50012	S5A1012-CCV6	Endosulfan II [2C]	ng/mL	53.3	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	Endosulfan sulfate [2C]	ng/mL	54.3	50.0	**109**			P20526857.d
SA50012	S5A1012-CCV6	Endrin [2C]	ng/mL	46.4	50.0	**92.8**			P20526857.d

SA50012	S5A1012-CCV6	Endrin aldehyde [2C]	ng/mL	57.3	50.0	**115**			P20526857.d
SA50012	S5A1012-CCV6	Endrin ketone [2C]	ng/mL	56.7	50.0	**113**			P20526857.d
SA50012	S5A1012-CCV6	gamma-BHC (Lindane) [2C]	ng/mL	53.6	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	gamma-Chlordane [2C]	ng/mL	53.4	50.0	**107**			P20526857.d
SA50012	S5A1012-CCV6	Heptachlor [2C]	ng/mL	51.0	50.0	**102**			P20526857.d
SA50012	S5A1012-CCV6	Heptachlor epoxide [2C]	ng/mL	52.2	50.0	**104**			P20526857.d
SA50012	S5A1012-CCV6	Methoxychlor [2C]	ng/mL	50.4	50.0	**101**			P20526857.d
SA50012	S5A1012-CCV6	Decachlorobiphenyl	ng/mL	121	160	**75.4**	80	120	P20526857.d
SA50012	S5A1012-CCV6	Decachlorobiphenyl [2C]	ng/mL	117	160	**73**			P20526857.d
SA50012	S5A1012-CCV6	Tetrachloro-m-xylene [2C]	ng/mL	129	160	**80.3**			P20526857.d
SA50012	S5A1012-CCV7	4,4'-DDD [2C]	ng/mL	61.7	50.0	**123**			P20526870.d
SA50012	S5A1012-CCV7	4,4'-DDE [2C]	ng/mL	54.2	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	4,4'-DDT [2C]	ng/mL	44.6	50.0	**89.1**			P20526870.d
SA50012	S5A1012-CCV7	Aldrin [2C]	ng/mL	54.2	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	alpha-BHC [2C]	ng/mL	53.7	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	alpha-Chlordane [2C]	ng/mL	53.7	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	beta-BHC [2C]	ng/mL	53.3	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	delta-BHC [2C]	ng/mL	52.8	50.0	**106**			P20526870.d
SA50012	S5A1012-CCV7	Endosulfan I [2C]	ng/mL	54.2	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	Endosulfan II [2C]	ng/mL	55.6	50.0	**111**			P20526870.d
SA50012	S5A1012-CCV7	Endosulfan sulfate [2C]	ng/mL	57.7	50.0	**115**			P20526870.d
SA50012	S5A1012-CCV7	Endrin [2C]	ng/mL	45.1	50.0	**90.1**			P20526870.d
SA50012	S5A1012-CCV7	Endrin aldehyde [2C]	ng/mL	61.2	50.0	**122**			P20526870.d
SA50012	S5A1012-CCV7	Endrin ketone [2C]	ng/mL	58.9	50.0	**118**			P20526870.d
SA50012	S5A1012-CCV7	gamma-BHC (Lindane) [2C]	ng/mL	53.8	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	gamma-Chlordane [2C]	ng/mL	53.8	50.0	**108**			P20526870.d
SA50012	S5A1012-CCV7	Heptachlor [2C]	ng/mL	50.7	50.0	**101**			P20526870.d
SA50012	S5A1012-CCV7	Heptachlor epoxide [2C]	ng/mL	53.4	50.0	**107**			P20526870.d
SA50012	S5A1012-CCV7	Methoxychlor [2C]	ng/mL	52.7	50.0	**105**			P20526870.d
SA50012	S5A1012-CCV7	Decachlorobiphenyl	ng/mL	119	160	**74.2**	80	120	P20526870.d
SA50012	S5A1012-CCV7	Decachlorobiphenyl [2C]	ng/mL	117	160	**73.2**			P20526870.d
SA50012	S5A1012-CCV7	Tetrachloro-m-xylene [2C]	ng/mL	128	160	**80.2**			P20526870.d

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50012	S5A1012	S5A1012-PEM1	Performance Mix		P20526821.d
SA50012	S5A1012	S5A1012-PEM2	Performance Mix		P20526833.d
SA50012	S5A1012	BA50563-BLK1	Blank		P20526867.d
SA50012	S5A1012	BA50563-BS1	LCS		P20526868.d
SA50012	S5A1012	BA50563-BSD1	LCS Dup		P20526869.d

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
PEST	BA50563	S5A1012	GC_5890_I	BA50563-BLK1	P20526867.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50012	5A1012	BA50563-BS1	LCS	P20526868.d
SA50012	5A1012	BA50563-BSD1	LCS Dup	P20526869.d

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Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50684	UIC001	25A0469-01	5
EPA 8081B	BA50684	UIC002	25A0469-02	5
EPA 8081B	BA50684	UIC003	25A0469-03	5
EPA 8081B	BA50684	UIC004	25A0469-04	5
EPA 8081B	BA50684	UIC005	25A0469-05	5
EPA 8081B	BA50706	UIC006	25A0469-06	5
EPA 8081B	BA50684	UIC007	25A0469-07	5
EPA 8081B	BA50684	UIC008	25A0469-08	5
EPA 8081B	BA50684	UIC009	25A0469-09	5
EPA 8081B	BA50640	UIC010	25A0469-10	5
EPA 8081B	BA50640	UIC00X	25A0469-11	5

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Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50012	LCS	BA50563-BS1	Tetrachloro-m-xylene [2C]	**28.4**	30 - 150
SA50012	Calibration Check	S5A1012-CCV1	Decachlorobiphenyl	**71.5**	80 - 120
SA50012	Calibration Check	S5A1012-CCV1	Decachlorobiphenyl [2C]	**72.5**	-
SA50012	Calibration Check	S5A1012-CCV1	Tetrachloro-m-xylene [2C]	**84.9**	-
SA50012	Calibration Check	S5A1012-CCV4	Decachlorobiphenyl	**76.2**	80 - 120
SA50012	Calibration Check	S5A1012-CCV4	Decachlorobiphenyl [2C]	**73.9**	-
SA50012	Calibration Check	S5A1012-CCV4	Tetrachloro-m-xylene [2C]	**82.1**	-
SA50012	Calibration Check	S5A1012-CCV5	Decachlorobiphenyl	**75**	80 - 120
SA50012	Calibration Check	S5A1012-CCV5	Decachlorobiphenyl [2C]	**70.7**	-
SA50012	Calibration Check	S5A1012-CCV5	Tetrachloro-m-xylene [2C]	**80.2**	-
SA50012	Calibration Check	S5A1012-CCV6	Decachlorobiphenyl	**75.4**	80 - 120
SA50012	Calibration Check	S5A1012-CCV6	Decachlorobiphenyl [2C]	**73**	-
SA50012	Calibration Check	S5A1012-CCV6	Tetrachloro-m-xylene [2C]	**80.3**	-
SA50012	Calibration Check	S5A1012-CCV7	Decachlorobiphenyl	**74.2**	80 - 120
SA50012	Calibration Check	S5A1012-CCV7	Decachlorobiphenyl [2C]	**73.2**	-
SA50012	Calibration Check	S5A1012-CCV7	Tetrachloro-m-xylene [2C]	**80.2**	-

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50014

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50014	S5A0939	S5A0939	Performance Mix	S5A0939-PEM1	PEST7	P7035099.D
SA50014	S5A0939	S5A0939	Secondary Cal Check	S5A0939-SCV1	PEST7	P7035112.D
SA50014	S5A1313	S5A1313	Performance Mix	S5A1313-PEM1	PEST7	P7035150.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV1	PEST7	P7035151.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV2	PEST7	P7035153.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV3	PEST7	P7035154.D
SA50014	S5A1313	S5A1313	Performance Mix	S5A1313-PEM2	PEST7	P7035177.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV4	PEST7	P7035179.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV5	PEST7	P7035191.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV6	PEST7	P7035203.D
SA50014	S5A1313	S5A1313	Performance Mix	S5A1313-PEM3	PEST7	P7035204.D
SA50014	BA50563	S5A1313	Field Blank 010825	25A0469-12	PEST7	P7035208.D
SA50014	BA50563	S5A1313	Equipment Blank 010825	25A0469-13	PEST7	P7035209.D
SA50014	S5A1313	S5A1313	Calibration Check	S5A1313-CCV7	PEST7	P7035213.D
SA50014	S5A1321	S5A1321	Performance Mix	S5A1321-PEM1	PEST7	P7035217.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV1	PEST7	P7035218.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV2	PEST7	P7035220.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV3	PEST7	P7035221.D
SA50014	BA50640	S5A1321	LCS	BA50640-BS1	PEST7	P7035225.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV4	PEST7	P7035236.D
SA50014	BA50684	S5A1321	Blank	BA50684-BLK1	PEST7	P7035238.D
SA50014	S5A1321	S5A1321	Performance Mix	S5A1321-PEM2	PEST7	P7035269.D
SA50014	S5A1321	S5A1321	Calibration Check	S5A1321-CCV5	PEST7	P7035270.D
SA50014	S5A1520	S5A1520	Performance Mix	S5A1520-PEM1	PEST7	P7035286.D
SA50014	S5A1520	S5A1520	Calibration Check	S5A1520-CCV1	PEST7	P7035287.D
SA50014	S5A1520	S5A1520	Calibration Check	S5A1520-CCV2	PEST7	P7035288.D
SA50014	S5A1520	S5A1520	Calibration Check	S5A1520-CCV3	PEST7	P7035289.D
SA50014	BA50684	S5A1520	LCS	BA50684-BS1	PEST7	P7035290.D
SA50014	S5A1520	S5A1520	Calibration Check	S5A1520-CCV4	PEST7	P7035294.D
SA50014	BA50684	S5A1520	UIC001	25A0469-01	PEST7	P7035295.D
SA50014	S5A1520	S5A1520	Performance Mix	S5A1520-PEM2	PEST7	P7035296.D
SA50014	BA50684	S5A1520	UIC002	25A0469-02	PEST7	P7035297.D
SA50014	BA50684	S5A1520	UIC003	25A0469-03	PEST7	P7035298.D
SA50014	BA50684	S5A1520	UIC004	25A0469-04	PEST7	P7035299.D
SA50014	BA50684	S5A1520	UIC005	25A0469-05	PEST7	P7035300.D
SA50014	S5A1520	S5A1520	Performance Mix	S5A1520-PEM3	PEST7	P7035301.D
SA50014	S5A1520	S5A1520	Calibration Check	S5A1520-CCV5	PEST7	P7035302.D

4.0 Analysis Issues

SA50014	BA50684	S5A1520	UIC007	25A0469-07	PEST7	P7035303.D
SA50014	BA50684	S5A1520	UIC008	25A0469-08	PEST7	P7035304.D
SA50014	BA50684	S5A1520	UIC009	25A0469-09	PEST7	P7035305.D
SA50014	S5A1520	S5A1520	Calibration Check	S5A1520-CCV6	PEST7	P7035314.D

Initial calibration for EPA 8081B met method guidelines.

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EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50014	S5A1313	S5A1313-CCV1	P7035151.D	01/10/25 08:29
SA50014	S5A1313	S5A1313-CCV2	P7035153.D	01/10/25 09:03
SA50014	S5A1313	S5A1313-CCV3	P7035154.D	01/10/25 09:20
SA50014	S5A1313	S5A1313-CCV4	P7035179.D	01/10/25 17:39
SA50014	S5A1313	S5A1313-CCV5	P7035191.D	01/10/25 21:25
SA50014	S5A1313	S5A1313-CCV6	P7035203.D	01/11/25 00:52
SA50014	S5A1313	S5A1313-CCV7	P7035213.D	01/11/25 03:44
SA50014	S5A1321	S5A1321-CCV1	P7035218.D	01/13/25 08:49
SA50014	S5A1321	S5A1321-CCV2	P7035220.D	01/13/25 09:23
SA50014	S5A1321	S5A1321-CCV3	P7035221.D	01/13/25 09:40
SA50014	S5A1321	S5A1321-CCV4	P7035236.D	01/13/25 16:02
SA50014	S5A1321	S5A1321-CCV5	P7035270.D	01/14/25 08:32
SA50014	S5A1520	S5A1520-CCV1	P7035287.D	01/14/25 15:02
SA50014	S5A1520	S5A1520-CCV2	P7035288.D	01/14/25 15:28
SA50014	S5A1520	S5A1520-CCV3	P7035289.D	01/14/25 15:46
SA50014	S5A1520	S5A1520-CCV4	P7035294.D	01/14/25 17:11
SA50014	S5A1520	S5A1520-CCV5	P7035302.D	01/15/25 09:41
SA50014	S5A1520	S5A1520-CCV6	P7035314.D	01/15/25 13:28

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50014	S5A1313-CCV1	4,4'-DDT	ng/mL	64.3	50.0	**129**	80	120	P7035151.D
SA50014	S5A1313-CCV1	4,4'-DDT [2C]	ng/mL	63.4	50.0	**127**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Endrin	ng/mL	63.2	50.0	**126**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Endrin [2C]	ng/mL	62.4	50.0	**125**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Methoxychlor	ng/mL	67.3	50.0	**135**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Methoxychlor [2C]	ng/mL	66.5	50.0	**133**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Decachlorobiphenyl	ng/mL	124	160	**77.4**	80	120	P7035151.D
SA50014	S5A1313-CCV1	Decachlorobiphenyl [2C]	ng/mL	124	160	**77.2**	80	120	P7035151.D
SA50014	S5A1313-CCV2	Chlordane, total [2C]	ng/mL	673	1000	**67.3**	80	120	P7035153.D
SA50014	S5A1313-CCV3	Toxaphene	ng/mL	2670	2000	**133**	80	120	P7035154.D
SA50014	S5A1313-CCV4	4,4'-DDT	ng/mL	65.2	50.0	**130**	80	120	P7035179.D
SA50014	S5A1313-CCV4	4,4'-DDT [2C]	ng/mL	63.1	50.0	**126**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Endrin	ng/mL	61.5	50.0	**123**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Methoxychlor	ng/mL	68.8	50.0	**138**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Methoxychlor [2C]	ng/mL	67.0	50.0	**134**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Decachlorobiphenyl	ng/mL	121	160	**75.5**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Decachlorobiphenyl [2C]	ng/mL	118	160	**73.5**	80	120	P7035179.D
SA50014	S5A1313-CCV4	Tetrachloro-m-xylene	ng/mL	123	160	**76.9**	80	120	P7035179.D
SA50014	S5A1313-CCV5	4,4'-DDT	ng/mL	65.9	50.0	**132**	80	120	P7035191.D
SA50014	S5A1313-CCV5	4,4'-DDT [2C]	ng/mL	64.0	50.0	**128**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Methoxychlor	ng/mL	68.8	50.0	**137**	80	120	P7035191.D

SA50014	S5A1313-CCV5	Methoxychlor [2C]	ng/mL	67.3	50.0	**135**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Decachlorobiphenyl	ng/mL	120	160	**75.3**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Decachlorobiphenyl [2C]	ng/mL	118	160	**73.7**	80	120	P7035191.D
SA50014	S5A1313-CCV5	Tetrachloro-m-xylene	ng/mL	126	160	**79**	80	120	P7035191.D
SA50014	S5A1313-CCV6	4,4'-DDT	ng/mL	66.0	50.0	**132**	80	120	P7035203.D
SA50014	S5A1313-CCV6	4,4'-DDT [2C]	ng/mL	64.5	50.0	**129**	80	120	P7035203.D
SA50014	S5A1313-CCV6	Methoxychlor	ng/mL	69.4	50.0	**139**	80	120	P7035203.D
SA50014	S5A1313-CCV6	Methoxychlor [2C]	ng/mL	67.9	50.0	**136**	80	120	P7035203.D
SA50014	S5A1313-CCV6	Decachlorobiphenyl	ng/mL	115	160	**72.1**	80	120	P7035203.D
SA50014	S5A1313-CCV6	Decachlorobiphenyl [2C]	ng/mL	114	160	**71.3**	80	120	P7035203.D
SA50014	S5A1313-CCV7	Methoxychlor	ng/mL	61.5	50.0	**123**	80	120	P7035213.D
SA50014	S5A1313-CCV7	Decachlorobiphenyl	ng/mL	112	160	**69.7**	80	120	P7035213.D
SA50014	S5A1313-CCV7	Decachlorobiphenyl [2C]	ng/mL	103	160	**64.4**	80	120	P7035213.D
SA50014	S5A1313-CCV7	Tetrachloro-m-xylene [2C]	ng/mL	123	160	**76.9**	80	120	P7035213.D
SA50014	S5A1321-CCV1	Methoxychlor	ng/mL	61.6	50.0	**123**	80	120	P7035218.D
SA50014	S5A1321-CCV1	Decachlorobiphenyl	ng/mL	123	160	**77**	80	120	P7035218.D
SA50014	S5A1321-CCV1	Decachlorobiphenyl [2C]	ng/mL	124	160	**77.7**	80	120	P7035218.D
SA50014	S5A1321-CCV2	Chlordane, total [2C]	ng/mL	647	1000	**64.7**	80	120	P7035220.D
SA50014	S5A1321-CCV3	Toxaphene	ng/mL	2510	2000	**126**	80	120	P7035221.D
SA50014	S5A1321-CCV4	Methoxychlor	ng/mL	62.4	50.0	**125**	80	120	P7035236.D
SA50014	S5A1321-CCV4	Decachlorobiphenyl	ng/mL	111	160	**69.5**	80	120	P7035236.D
SA50014	S5A1321-CCV4	Decachlorobiphenyl [2C]	ng/mL	108	160	**67.5**	80	120	P7035236.D
SA50014	S5A1321-CCV5	4,4'-DDT	ng/mL	66.4	50.0	**133**	80	120	P7035270.D
SA50014	S5A1321-CCV5	4,4'-DDT [2C]	ng/mL	63.5	50.0	**127**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Endrin	ng/mL	62.2	50.0	**124**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Endrin [2C]	ng/mL	62.3	50.0	**125**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Methoxychlor	ng/mL	67.4	50.0	**135**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Methoxychlor [2C]	ng/mL	65.4	50.0	**131**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Decachlorobiphenyl	ng/mL	118	160	**73.7**	80	120	P7035270.D
SA50014	S5A1321-CCV5	Decachlorobiphenyl [2C]	ng/mL	119	160	**74.5**	80	120	P7035270.D
SA50014	S5A1520-CCV1	Decachlorobiphenyl	ng/mL	122	160	**76.4**	80	120	P7035287.D
SA50014	S5A1520-CCV1	Decachlorobiphenyl [2C]	ng/mL	123	160	**77**	80	120	P7035287.D
SA50014	S5A1520-CCV2	Chlordane, total	ng/mL	1220	1000	**122**	80	120	P7035288.D
SA50014	S5A1520-CCV3	Toxaphene	ng/mL	2810	2000	**140**	80	120	P7035289.D
SA50014	S5A1520-CCV3	Toxaphene [2C]	ng/mL	2430	2000	**121**	80	120	P7035289.D
SA50014	S5A1520-CCV4	Endrin aldehyde	ng/mL	60.3	50.0	**121**	80	120	P7035294.D
SA50014	S5A1520-CCV4	Decachlorobiphenyl	ng/mL	113	160	**70.9**	80	120	P7035294.D
SA50014	S5A1520-CCV4	Decachlorobiphenyl [2C]	ng/mL	114	160	**71.4**	80	120	P7035294.D
SA50014	S5A1520-CCV4	Tetrachloro-m-xylene	ng/mL	124	160	**77.7**	80	120	P7035294.D
SA50014	S5A1520-CCV5	Decachlorobiphenyl	ng/mL	101	160	**63**	80	120	P7035302.D
SA50014	S5A1520-CCV5	Decachlorobiphenyl [2C]	ng/mL	99.0	160	**61.9**	80	120	P7035302.D
SA50014	S5A1520-CCV5	Tetrachloro-m-xylene	ng/mL	127	160	**79.5**	80	120	P7035302.D
SA50014	S5A1520-CCV5	Tetrachloro-m-xylene [2C]	ng/mL	123	160	**77.1**	80	120	P7035302.D
SA50014	S5A1520-CCV6	Decachlorobiphenyl	ng/mL	101	160	**63.1**	80	120	P7035314.D
SA50014	S5A1520-CCV6	Decachlorobiphenyl [2C]	ng/mL	101	160	**63.2**	80	120	P7035314.D
SA50014	S5A1520-CCV6	Tetrachloro-m-xylene	ng/mL	123	160	**77**	80	120	P7035314.D
SA50014	S5A1520-CCV6	Tetrachloro-m-xylene [2C]	ng/mL	124	160	**77.3**	80	120	P7035314.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50014	S5A1313	S5A1313-PEM1	Performance Mix		P7035150.D

SA50014	S5A1313	S5A1313-PEM2	Performance Mix	P7035177.D
SA50014	S5A1313	S5A1313-PEM3	Performance Mix	P7035204.D
SA50014	S5A1313	25A0469-12	Field Blank 010825	P7035208.D
SA50014	S5A1313	25A0469-13	Equipment Blank 010	P7035209.D
SA50014	S5A1321	S5A1321-PEM1	Performance Mix	P7035217.D
SA50014	S5A1321	BA50640-BS1	LCS	P7035225.D
SA50014	S5A1321	BA50684-BLK1	Blank	P7035238.D
SA50014	S5A1321	S5A1321-PEM2	Performance Mix	P7035269.D
SA50014	S5A1520	S5A1520-PEM1	Performance Mix	P7035286.D
SA50014	S5A1520	BA50684-BS1	LCS	P7035290.D
SA50014	S5A1520	S5A1520-PEM2	Performance Mix	P7035296.D
SA50014	S5A1520	S5A1520-PEM3	Performance Mix	P7035301.D

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
PEST	BA50684	S5A1321	PEST7	BA50684-BLK1	P7035238.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50014	5A1321	BA50640-BS1	LCS	P7035225.D
SA50014	5A1520	BA50684-BS1	LCS	P7035290.D

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Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50684	UIC001	25A0469-01	5
EPA 8081B	BA50684	UIC002	25A0469-02	5
EPA 8081B	BA50684	UIC003	25A0469-03	5
EPA 8081B	BA50684	UIC004	25A0469-04	5
EPA 8081B	BA50684	UIC005	25A0469-05	5
EPA 8081B	BA50706	UIC006	25A0469-06	5
EPA 8081B	BA50684	UIC007	25A0469-07	5
EPA 8081B	BA50684	UIC008	25A0469-08	5
EPA 8081B	BA50684	UIC009	25A0469-09	5
EPA 8081B	BA50640	UIC010	25A0469-10	5
EPA 8081B	BA50640	UIC00X	25A0469-11	5

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Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50014	Equipment Blank 010825	25A0469-13	Decachlorobiphenyl [2C]	**28.9**	30 - 150
SA50014	Calibration Check	S5A1313-CCV1	Decachlorobiphenyl	**77.4**	80 - 120
SA50014	Calibration Check	S5A1313-CCV1	Decachlorobiphenyl [2C]	**77.2**	80 - 120
SA50014	Calibration Check	S5A1313-CCV4	Decachlorobiphenyl	**75.5**	80 - 120
SA50014	Calibration Check	S5A1313-CCV4	Decachlorobiphenyl [2C]	**73.5**	80 - 120
SA50014	Calibration Check	S5A1313-CCV4	Tetrachloro-m-xylene	**76.9**	80 - 120
SA50014	Calibration Check	S5A1313-CCV5	Decachlorobiphenyl	**75.3**	80 - 120
SA50014	Calibration Check	S5A1313-CCV5	Decachlorobiphenyl [2C]	**73.7**	80 - 120
SA50014	Calibration Check	S5A1313-CCV5	Tetrachloro-m-xylene	**79**	80 - 120
SA50014	Calibration Check	S5A1313-CCV6	Decachlorobiphenyl	**72.1**	80 - 120
SA50014	Calibration Check	S5A1313-CCV6	Decachlorobiphenyl [2C]	**71.3**	80 - 120
SA50014	Calibration Check	S5A1313-CCV7	Decachlorobiphenyl	**69.7**	80 - 120
SA50014	Calibration Check	S5A1313-CCV7	Decachlorobiphenyl [2C]	**64.4**	80 - 120
SA50014	Calibration Check	S5A1313-CCV7	Tetrachloro-m-xylene [2C]	**76.9**	80 - 120
SA50014	Calibration Check	S5A1321-CCV1	Decachlorobiphenyl	**77**	80 - 120
SA50014	Calibration Check	S5A1321-CCV1	Decachlorobiphenyl [2C]	**77.7**	80 - 120
SA50014	Calibration Check	S5A1321-CCV4	Decachlorobiphenyl	**69.5**	80 - 120
SA50014	Calibration Check	S5A1321-CCV4	Decachlorobiphenyl [2C]	**67.5**	80 - 120
SA50014	Calibration Check	S5A1321-CCV5	Decachlorobiphenyl	**73.7**	80 - 120
SA50014	Calibration Check	S5A1321-CCV5	Decachlorobiphenyl [2C]	**74.5**	80 - 120
SA50014	Calibration Check	S5A1520-CCV1	Decachlorobiphenyl	**76.4**	80 - 120
SA50014	Calibration Check	S5A1520-CCV1	Decachlorobiphenyl [2C]	**77**	80 - 120
SA50014	Calibration Check	S5A1520-CCV4	Decachlorobiphenyl	**70.9**	80 - 120
SA50014	Calibration Check	S5A1520-CCV4	Decachlorobiphenyl [2C]	**71.4**	80 - 120
SA50014	Calibration Check	S5A1520-CCV4	Tetrachloro-m-xylene	**77.7**	80 - 120
SA50014	Calibration Check	S5A1520-CCV5	Decachlorobiphenyl	**63**	80 - 120
SA50014	Calibration Check	S5A1520-CCV5	Decachlorobiphenyl [2C]	**61.9**	80 - 120
SA50014	Calibration Check	S5A1520-CCV5	Tetrachloro-m-xylene	**79.5**	80 - 120
SA50014	Calibration Check	S5A1520-CCV5	Tetrachloro-m-xylene [2C]	**77.1**	80 - 120
SA50014	Calibration Check	S5A1520-CCV6	Decachlorobiphenyl	**63.1**	80 - 120
SA50014	Calibration Check	S5A1520-CCV6	Decachlorobiphenyl [2C]	**63.2**	80 - 120
SA50014	Calibration Check	S5A1520-CCV6	Tetrachloro-m-xylene	**77**	80 - 120
SA50014	Calibration Check	S5A1520-CCV6	Tetrachloro-m-xylene [2C]	**77.3**	80 - 120

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50019

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50019	S5A1320	S5A1320	Performance Mix	S5A1320-PEM1	GC_5890_I	P20526950.d
SA50019	S5A1320	S5A1320	Secondary Cal Check	S5A1320-SCV1	GC_5890_I	P20526963.d
SA50019	S5A1413	S5A1413	Performance Mix	S5A1413-PEM1	GC_5890_I	P20526964.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV1	GC_5890_I	P20526965.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV2	GC_5890_I	P20526967.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV3	GC_5890_I	P20526968.d
SA50019	BA50640	S5A1413	Blank	BA50640-BLK1	GC_5890_I	P20526969.d
SA50019	BA50640	S5A1413	UIC010	25A0469-10	GC_5890_I	P20526975.d
SA50019	BA50640	S5A1413	UIC00X	25A0469-11	GC_5890_I	P20526977.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV4	GC_5890_I	P20526982.d
SA50019	S5A1413	S5A1413	Performance Mix	S5A1413-PEM2	GC_5890_I	P20527001.d
SA50019	S5A1413	S5A1413	Calibration Check	S5A1413-CCV5	GC_5890_I	P20527003.d
SA50019	S5A1461	S5A1461	Performance Mix	S5A1461-PEM1	GC_5890_I	P20527006.d
SA50019	S5A1461	S5A1461	Calibration Check	S5A1461-CCV1	GC_5890_I	P20527007.d
SA50019	S5A1461	S5A1461	Calibration Check	S5A1461-CCV2	GC_5890_I	P20527009.d
SA50019	S5A1461	S5A1461	Calibration Check	S5A1461-CCV3	GC_5890_I	P20527010.d
SA50019	BA50706	S5A1461	Blank	BA50706-BLK1	GC_5890_I	P20527011.d
SA50019	BA50706	S5A1461	LCS	BA50706-BS1	GC_5890_I	P20527012.d
SA50019	S5A1461	S5A1461	Calibration Check	S5A1461-CCV4	GC_5890_I	P20527028.d
SA50019	S5A1461	S5A1461	Performance Mix	S5A1461-PEM2	GC_5890_I	P20527029.d
SA50019	BA50706	S5A1461	UIC006MS1	BA50706-MS1	GC_5890_I	P20527030.d
SA50019	BA50706	S5A1461	UIC006MSD1	BA50706-MSD1	GC_5890_I	P20527031.d
SA50019	BA50706	S5A1461	UIC006	25A0469-06	GC_5890_I	P20527038.d
SA50019	S5A1461	S5A1461	Calibration Check	S5A1461-CCV5	GC_5890_I	P20527041.d
SA50019	S5A1461	S5A1461	Calibration Check	S5A1461-CCV6	GC_5890_I	P20527053.d
SA50019	S5A1461	S5A1461	Calibration Check	S5A1461-CCV7	GC_5890_I	P20527065.d

Initial calibration for EPA 8081B met method guidelines.

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EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50019	S5A1320-SCV1	4,4'-DDD	50.0	52.1	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDD [2C]	50.0	52.2	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDE	50.0	52.3	**105**	-
SA50019	S5A1320-SCV1	4,4'-DDE [2C]	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	4,4'-DDT	50.0	52.2	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDT [2C]	50.0	52.0	**104**	-
SA50019	S5A1320-SCV1	Aldrin	50.0	53.3	**107**	-
SA50019	S5A1320-SCV1	Aldrin [2C]	50.0	53.0	**106**	-
SA50019	S5A1320-SCV1	alpha-BHC	50.0	53.6	**107**	-
SA50019	S5A1320-SCV1	alpha-BHC [2C]	50.0	53.4	**107**	-
SA50019	S5A1320-SCV1	alpha-Chlordane	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	alpha-Chlordane [2C]	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	beta-BHC	50.0	55.3	**111**	-
SA50019	S5A1320-SCV1	beta-BHC [2C]	50.0	55.1	**110**	-
SA50019	S5A1320-SCV1	Decachlorobiphenyl	160	172	**108**	-
SA50019	S5A1320-SCV1	Decachlorobiphenyl [2C]	160	167	**104**	-
SA50019	S5A1320-SCV1	delta-BHC	50.0	54.7	**109**	-
SA50019	S5A1320-SCV1	delta-BHC [2C]	50.0	54.4	**109**	-
SA50019	S5A1320-SCV1	Dieldrin	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Endosulfan I	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endosulfan I [2C]	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Endosulfan II	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Endosulfan II [2C]	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Endosulfan sulfate	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Endosulfan sulfate [2C]	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Endrin	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endrin [2C]	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endrin aldehyde	50.0	55.0	**110**	-
SA50019	S5A1320-SCV1	Endrin aldehyde [2C]	50.0	54.6	**109**	-
SA50019	S5A1320-SCV1	Endrin ketone	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	Endrin ketone [2C]	50.0	52.3	**105**	-
SA50019	S5A1320-SCV1	gamma-BHC (Lindane)	50.0	53.5	**107**	-
SA50019	S5A1320-SCV1	gamma-BHC (Lindane) [2C]	50.0	53.6	**107**	-
SA50019	S5A1320-SCV1	gamma-Chlordane	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	gamma-Chlordane [2C]	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Heptachlor	50.0	53.7	**107**	-
SA50019	S5A1320-SCV1	Heptachlor [2C]	50.0	53.4	**107**	-
SA50019	S5A1320-SCV1	Heptachlor epoxide	50.0	53.1	**106**	-
SA50019	S5A1320-SCV1	Heptachlor epoxide [2C]	50.0	53.1	**106**	-
SA50019	S5A1320-SCV1	Methoxychlor	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Methoxychlor [2C]	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Tetrachloro-m-xylene	160	181	**113**	-
SA50019	S5A1320-SCV1	Tetrachloro-m-xylene [2C]	160	176	**110**	-

The following QC and or client samples were affected:

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LabNumber	SampleName	File ID
S5A1320-PEM1	Performance Mix	P20526950.d
S5A1413-PEM1	Performance Mix	P20526964.d
S5A1413-CCV1	Calibration Check	P20526965.d
BA50640-BLK1	Blank	P20526969.d
S5A1413-CCV4	Calibration Check	P20526982.d
S5A1413-PEM2	Performance Mix	P20527001.d
S5A1413-CCV5	Calibration Check	P20527003.d
S5A1461-PEM1	Performance Mix	P20527006.d
S5A1461-CCV1	Calibration Check	P20527007.d
BA50706-BLK1	Blank	P20527011.d
BA50706-BS1	LCS	P20527012.d
S5A1461-CCV4	Calibration Check	P20527028.d
S5A1461-PEM2	Performance Mix	P20527029.d
BA50706-MS1	Matrix Spike	P20527030.d
BA50706-MSD1	Matrix Spike Dup	P20527031.d
S5A1461-CCV5	Calibration Check	P20527041.d
S5A1461-CCV6	Calibration Check	P20527053.d
S5A1461-CCV7	Calibration Check	P20527065.d

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50019	S5A1413	S5A1413-CCV1	P20526965.d	01/13/25 13:00
SA50019	S5A1413	S5A1413-CCV2	P20526967.d	01/13/25 13:31
SA50019	S5A1413	S5A1413-CCV3	P20526968.d	01/13/25 13:47
SA50019	S5A1413	S5A1413-CCV4	P20526982.d	01/13/25 17:25
SA50019	S5A1413	S5A1413-CCV5	P20527003.d	01/14/25 09:11
SA50019	S5A1461	S5A1461-CCV1	P20527007.d	01/14/25 10:27
SA50019	S5A1461	S5A1461-CCV2	P20527009.d	01/14/25 10:57
SA50019	S5A1461	S5A1461-CCV3	P20527010.d	01/14/25 11:13
SA50019	S5A1461	S5A1461-CCV4	P20527028.d	01/14/25 17:52
SA50019	S5A1461	S5A1461-CCV5	P20527041.d	01/14/25 22:08
SA50019	S5A1461	S5A1461-CCV6	P20527053.d	01/15/25 01:13
SA50019	S5A1461	S5A1461-CCV7	P20527065.d	01/15/25 04:18

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50019	S5A1413-CCV1	Decachlorobiphenyl	ng/mL	125	160	**78.4**	80	120	P20526965.d
SA50019	S5A1413-CCV1	Decachlorobiphenyl [2C]	ng/mL	122	160	**76.5**	80	120	P20526965.d
SA50019	S5A1413-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	126	160	**78.8**	80	120	P20526965.d
SA50019	S5A1413-CCV2	Chlordane, total	ng/mL	1390	1000	**139**	80	120	P20526967.d
SA50019	S5A1413-CCV3	Toxaphene	ng/mL	3310	2000	**166**	80	120	P20526968.d
SA50019	S5A1413-CCV5	Methoxychlor [2C]	ng/mL	61.2	50.0	**122**	80	120	P20527003.d
SA50019	S5A1413-CCV5	Tetrachloro-m-xylene	ng/mL	126	160	**78.7**	80	120	P20527003.d
SA50019	S5A1461-CCV1	4,4'-DDD [2C]	ng/mL	51.0	50.0	**102**			P20527007.d
SA50019	S5A1461-CCV1	4,4'-DDE [2C]	ng/mL	52.8	50.0	**106**			P20527007.d
SA50019	S5A1461-CCV1	4,4'-DDT [2C]	ng/mL	54.4	50.0	**109**			P20527007.d
SA50019	S5A1461-CCV1	Aldrin [2C]	ng/mL	52.7	50.0	**105**			P20527007.d
SA50019	S5A1461-CCV1	alpha-BHC [2C]	ng/mL	52.9	50.0	**106**			P20527007.d
SA50019	S5A1461-CCV1	alpha-Chlordane [2C]	ng/mL	51.9	50.0	**104**			P20527007.d
SA50019	S5A1461-CCV1	beta-BHC [2C]	ng/mL	54.0	50.0	**108**			P20527007.d

SA50019	S5A1461-CCV1	delta-BHC [2C]	ng/mL	53.6	50.0	**107**			P20527007.d
SA50019	S5A1461-CCV1	Endosulfan I [2C]	ng/mL	51.8	50.0	**104**			P20527007.d
SA50019	S5A1461-CCV1	Endosulfan II [2C]	ng/mL	51.3	50.0	**103**			P20527007.d
SA50019	S5A1461-CCV1	Endosulfan sulfate [2C]	ng/mL	52.3	50.0	**105**			P20527007.d
SA50019	S5A1461-CCV1	Endrin [2C]	ng/mL	53.0	50.0	**106**			P20527007.d
SA50019	S5A1461-CCV1	Endrin aldehyde [2C]	ng/mL	52.1	50.0	**104**			P20527007.d
SA50019	S5A1461-CCV1	Endrin ketone [2C]	ng/mL	51.1	50.0	**102**			P20527007.d
SA50019	S5A1461-CCV1	gamma-BHC (Lindane) [2C]	ng/mL	52.9	50.0	**106**			P20527007.d
SA50019	S5A1461-CCV1	gamma-Chlordane [2C]	ng/mL	51.9	50.0	**104**			P20527007.d
SA50019	S5A1461-CCV1	Heptachlor [2C]	ng/mL	53.7	50.0	**107**			P20527007.d
SA50019	S5A1461-CCV1	Heptachlor epoxide [2C]	ng/mL	52.1	50.0	**104**			P20527007.d
SA50019	S5A1461-CCV1	Methoxychlor [2C]	ng/mL	55.9	50.0	**112**			P20527007.d
SA50019	S5A1461-CCV1	Decachlorobiphenyl	ng/mL	126	160	**78.6**	80	120	P20527007.d
SA50019	S5A1461-CCV1	Decachlorobiphenyl [2C]	ng/mL	128	160	**79.9**			P20527007.d
SA50019	S5A1461-CCV1	Tetrachloro-m-xylene	ng/mL	125	160	**78.4**	80	120	P20527007.d
SA50019	S5A1461-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	128	160	**80.1**			P20527007.d
SA50019	S5A1461-CCV2	Chlordane, total	ng/mL	1330	1000	**133**	80	120	P20527009.d
SA50019	S5A1461-CCV3	Toxaphene	ng/mL	3040	2000	**152**	80	120	P20527010.d
SA50019	S5A1461-CCV3	Toxaphene [2C]	ng/mL	2160	2000	**108**			P20527010.d
SA50019	S5A1461-CCV4	4,4'-DDD [2C]	ng/mL	54.9	50.0	**110**			P20527028.d
SA50019	S5A1461-CCV4	4,4'-DDE [2C]	ng/mL	52.2	50.0	**104**			P20527028.d
SA50019	S5A1461-CCV4	4,4'-DDT [2C]	ng/mL	58.8	50.0	**118**			P20527028.d
SA50019	S5A1461-CCV4	Aldrin [2C]	ng/mL	53.0	50.0	**106**			P20527028.d
SA50019	S5A1461-CCV4	alpha-BHC [2C]	ng/mL	53.6	50.0	**107**			P20527028.d
SA50019	S5A1461-CCV4	alpha-Chlordane [2C]	ng/mL	53.2	50.0	**106**			P20527028.d
SA50019	S5A1461-CCV4	beta-BHC [2C]	ng/mL	54.4	50.0	**109**			P20527028.d
SA50019	S5A1461-CCV4	delta-BHC [2C]	ng/mL	52.8	50.0	**106**			P20527028.d
SA50019	S5A1461-CCV4	Endosulfan I [2C]	ng/mL	53.4	50.0	**107**			P20527028.d
SA50019	S5A1461-CCV4	Endosulfan II [2C]	ng/mL	51.9	50.0	**104**			P20527028.d
SA50019	S5A1461-CCV4	Endosulfan sulfate [2C]	ng/mL	53.4	50.0	**107**			P20527028.d
SA50019	S5A1461-CCV4	Endrin [2C]	ng/mL	59.2	50.0	**118**			P20527028.d
SA50019	S5A1461-CCV4	Endrin aldehyde [2C]	ng/mL	52.1	50.0	**104**			P20527028.d
SA50019	S5A1461-CCV4	Endrin ketone [2C]	ng/mL	53.0	50.0	**106**			P20527028.d
SA50019	S5A1461-CCV4	gamma-BHC (Lindane) [2C]	ng/mL	54.5	50.0	**109**			P20527028.d
SA50019	S5A1461-CCV4	gamma-Chlordane [2C]	ng/mL	53.3	50.0	**107**			P20527028.d
SA50019	S5A1461-CCV4	Heptachlor [2C]	ng/mL	56.0	50.0	**112**			P20527028.d
SA50019	S5A1461-CCV4	Heptachlor epoxide [2C]	ng/mL	54.3	50.0	**109**			P20527028.d
SA50019	S5A1461-CCV4	Methoxychlor	ng/mL	61.9	50.0	**124**	80	120	P20527028.d
SA50019	S5A1461-CCV4	Methoxychlor [2C]	ng/mL	59.9	50.0	**120**			P20527028.d
SA50019	S5A1461-CCV4	Decachlorobiphenyl	ng/mL	115	160	**71.9**	80	120	P20527028.d
SA50019	S5A1461-CCV4	Decachlorobiphenyl [2C]	ng/mL	114	160	**71.4**			P20527028.d
SA50019	S5A1461-CCV4	Tetrachloro-m-xylene [2C]	ng/mL	130	160	**81**			P20527028.d
SA50019	S5A1461-CCV5	4,4'-DDD [2C]	ng/mL	54.0	50.0	**108**			P20527041.d
SA50019	S5A1461-CCV5	4,4'-DDE [2C]	ng/mL	49.8	50.0	**99.6**			P20527041.d
SA50019	S5A1461-CCV5	4,4'-DDT [2C]	ng/mL	49.3	50.0	**98.7**			P20527041.d
SA50019	S5A1461-CCV5	Aldrin [2C]	ng/mL	51.8	50.0	**104**			P20527041.d
SA50019	S5A1461-CCV5	alpha-BHC [2C]	ng/mL	53.4	50.0	**107**			P20527041.d
SA50019	S5A1461-CCV5	alpha-Chlordane [2C]	ng/mL	50.6	50.0	**101**			P20527041.d
SA50019	S5A1461-CCV5	beta-BHC [2C]	ng/mL	52.7	50.0	**105**			P20527041.d

SA50019	S5A1461-CCV5	delta-BHC [2C]	ng/mL	51.6	50.0	**103**			P20527041.d
SA50019	S5A1461-CCV5	Endosulfan I [2C]	ng/mL	51.1	50.0	**102**			P20527041.d
SA50019	S5A1461-CCV5	Endosulfan II [2C]	ng/mL	49.3	50.0	**98.7**			P20527041.d
SA50019	S5A1461-CCV5	Endosulfan sulfate [2C]	ng/mL	50.8	50.0	**102**			P20527041.d
SA50019	S5A1461-CCV5	Endrin [2C]	ng/mL	54.7	50.0	**109**			P20527041.d
SA50019	S5A1461-CCV5	Endrin aldehyde [2C]	ng/mL	49.5	50.0	**99.1**			P20527041.d
SA50019	S5A1461-CCV5	Endrin ketone [2C]	ng/mL	50.3	50.0	**101**			P20527041.d
SA50019	S5A1461-CCV5	gamma-BHC (Lindane) [2C]	ng/mL	54.1	50.0	**108**			P20527041.d
SA50019	S5A1461-CCV5	gamma-Chlordane [2C]	ng/mL	50.9	50.0	**102**			P20527041.d
SA50019	S5A1461-CCV5	Heptachlor [2C]	ng/mL	54.4	50.0	**109**			P20527041.d
SA50019	S5A1461-CCV5	Heptachlor epoxide [2C]	ng/mL	51.9	50.0	**104**			P20527041.d
SA50019	S5A1461-CCV5	Methoxychlor [2C]	ng/mL	53.7	50.0	**107**			P20527041.d
SA50019	S5A1461-CCV5	Decachlorobiphenyl	ng/mL	128	160	**79.8**	80	120	P20527041.d
SA50019	S5A1461-CCV5	Decachlorobiphenyl [2C]	ng/mL	123	160	**77.1**			P20527041.d
SA50019	S5A1461-CCV5	Tetrachloro-m-xylene	ng/mL	75.4	160	**47.1**	80	120	P20527041.d
SA50019	S5A1461-CCV5	Tetrachloro-m-xylene [2C]	ng/mL	129	160	**80.3**			P20527041.d
SA50019	S5A1461-CCV6	4,4'-DDD [2C]	ng/mL	57.0	50.0	**114**			P20527053.d
SA50019	S5A1461-CCV6	4,4'-DDE [2C]	ng/mL	50.4	50.0	**101**			P20527053.d
SA50019	S5A1461-CCV6	4,4'-DDT [2C]	ng/mL	46.2	50.0	**92.4**			P20527053.d
SA50019	S5A1461-CCV6	Aldrin [2C]	ng/mL	52.6	50.0	**105**			P20527053.d
SA50019	S5A1461-CCV6	alpha-BHC [2C]	ng/mL	53.9	50.0	**108**			P20527053.d
SA50019	S5A1461-CCV6	alpha-Chlordane [2C]	ng/mL	51.7	50.0	**103**			P20527053.d
SA50019	S5A1461-CCV6	beta-BHC [2C]	ng/mL	52.8	50.0	**106**			P20527053.d
SA50019	S5A1461-CCV6	delta-BHC [2C]	ng/mL	51.1	50.0	**102**			P20527053.d
SA50019	S5A1461-CCV6	Endosulfan I [2C]	ng/mL	52.2	50.0	**104**			P20527053.d
SA50019	S5A1461-CCV6	Endosulfan II [2C]	ng/mL	50.8	50.0	**102**			P20527053.d
SA50019	S5A1461-CCV6	Endosulfan sulfate [2C]	ng/mL	51.7	50.0	**103**			P20527053.d
SA50019	S5A1461-CCV6	Endrin [2C]	ng/mL	54.2	50.0	**108**			P20527053.d
SA50019	S5A1461-CCV6	Endrin aldehyde [2C]	ng/mL	51.0	50.0	**102**			P20527053.d
SA50019	S5A1461-CCV6	Endrin ketone [2C]	ng/mL	52.0	50.0	**104**			P20527053.d
SA50019	S5A1461-CCV6	gamma-BHC (Lindane) [2C]	ng/mL	54.7	50.0	**109**			P20527053.d
SA50019	S5A1461-CCV6	gamma-Chlordane [2C]	ng/mL	51.9	50.0	**104**			P20527053.d
SA50019	S5A1461-CCV6	Heptachlor [2C]	ng/mL	54.1	50.0	**108**			P20527053.d
SA50019	S5A1461-CCV6	Heptachlor epoxide [2C]	ng/mL	52.3	50.0	**105**			P20527053.d
SA50019	S5A1461-CCV6	Methoxychlor [2C]	ng/mL	50.3	50.0	**101**			P20527053.d
SA50019	S5A1461-CCV6	Decachlorobiphenyl [2C]	ng/mL	128	160	**80.3**			P20527053.d
SA50019	S5A1461-CCV6	Tetrachloro-m-xylene [2C]	ng/mL	129	160	**80.8**			P20527053.d
SA50019	S5A1461-CCV7	4,4'-DDD [2C]	ng/mL	60.4	50.0	**121**			P20527065.d
SA50019	S5A1461-CCV7	4,4'-DDE [2C]	ng/mL	54.8	50.0	**110**			P20527065.d
SA50019	S5A1461-CCV7	4,4'-DDT [2C]	ng/mL	57.4	50.0	**115**			P20527065.d
SA50019	S5A1461-CCV7	Aldrin [2C]	ng/mL	54.4	50.0	**109**			P20527065.d
SA50019	S5A1461-CCV7	alpha-BHC [2C]	ng/mL	55.9	50.0	**112**			P20527065.d
SA50019	S5A1461-CCV7	alpha-Chlordane [2C]	ng/mL	54.7	50.0	**109**			P20527065.d
SA50019	S5A1461-CCV7	beta-BHC [2C]	ng/mL	56.5	50.0	**113**			P20527065.d
SA50019	S5A1461-CCV7	delta-BHC [2C]	ng/mL	56.6	50.0	**113**			P20527065.d
SA50019	S5A1461-CCV7	Endosulfan I [2C]	ng/mL	55.3	50.0	**111**			P20527065.d
SA50019	S5A1461-CCV7	Endosulfan II [2C]	ng/mL	54.8	50.0	**110**			P20527065.d
SA50019	S5A1461-CCV7	Endosulfan sulfate [2C]	ng/mL	58.5	50.0	**117**			P20527065.d
SA50019	S5A1461-CCV7	Endrin [2C]	ng/mL	59.4	50.0	**119**			P20527065.d

SA50019	S5A1461-CCV7	Endrin aldehyde [2C]	ng/mL	56.9	50.0	**114**	P20527065.d
SA50019	S5A1461-CCV7	Endrin ketone [2C]	ng/mL	57.0	50.0	**114**	P20527065.d
SA50019	S5A1461-CCV7	gamma-BHC (Lindane) [2C]	ng/mL	57.1	50.0	**114**	P20527065.d
SA50019	S5A1461-CCV7	gamma-Chlordane [2C]	ng/mL	54.9	50.0	**110**	P20527065.d
SA50019	S5A1461-CCV7	Heptachlor [2C]	ng/mL	57.2	50.0	**114**	P20527065.d
SA50019	S5A1461-CCV7	Heptachlor epoxide [2C]	ng/mL	56.1	50.0	**112**	P20527065.d
SA50019	S5A1461-CCV7	Methoxychlor [2C]	ng/mL	62.4	50.0	**125**	P20527065.d
SA50019	S5A1461-CCV7	Decachlorobiphenyl [2C]	ng/mL	132	160	**82.4**	P20527065.d
SA50019	S5A1461-CCV7	Tetrachloro-m-xylene [2C]	ng/mL	132	160	**82.6**	P20527065.d

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50019	S5A1413	BA50640-BLK1	Blank		P20526969.d
SA50019	S5A1461	S5A1461-PEM1	Performance Mix		P20527006.d
SA50019	S5A1461	BA50706-BLK1	Blank		P20527011.d
SA50019	S5A1461	BA50706-BS1	LCS		P20527012.d
SA50019	S5A1461	S5A1461-PEM2	Performance Mix		P20527029.d
SA50019	S5A1461	BA50706-MS1	Matrix Spike	UIC006	P20527030.d
SA50019	S5A1461	BA50706-MSD1	Matrix Spike Dup	UIC006	P20527031.d
SA50019	S5A1461	25A0469-06	UIC006		P20527038.d

EPA 8081B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
PEST	BA50640	S5A1413	GC_5890_I	BA50640-BLK1	P20526969.d
PEST	BA50706	S5A1461	GC_5890_I	BA50706-BLK1	P20527011.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50019	5A1461	BA50706-BS1	LCS	P20527012.d

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PEST	**SA50019**	BA50706	S5A1461	UIC006MS1	25A0469-06	UIC006	BA50706-MS1
PEST	**SA50019**	BA50706	S5A1461	UIC006MSD1	25A0469-06	UIC006	BA50706-MSD1

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50684	UIC001	25A0469-01	5
EPA 8081B	BA50684	UIC002	25A0469-02	5
EPA 8081B	BA50684	UIC003	25A0469-03	5
EPA 8081B	BA50684	UIC004	25A0469-04	5
EPA 8081B	BA50684	UIC005	25A0469-05	5
EPA 8081B	BA50706	UIC006	25A0469-06	5
EPA 8081B	BA50684	UIC007	25A0469-07	5
EPA 8081B	BA50684	UIC008	25A0469-08	5
EPA 8081B	BA50684	UIC009	25A0469-09	5
EPA 8081B	BA50640	UIC010	25A0469-10	5
EPA 8081B	BA50640	UIC00X	25A0469-11	5

York Analytical Work Order Narrative

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Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50019	Secondary Cal Check	S5A1320-SCV1	Decachlorobiphenyl	**108**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Decachlorobiphenyl [2C]	**104**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Tetrachloro-m-xylene	**113**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Tetrachloro-m-xylene [2C]	**110**	-
SA50019	Calibration Check	S5A1413-CCV1	Decachlorobiphenyl	**78.4**	80 - 120
SA50019	Calibration Check	S5A1413-CCV1	Decachlorobiphenyl [2C]	**76.5**	80 - 120
SA50019	Calibration Check	S5A1413-CCV1	Tetrachloro-m-xylene [2C]	**78.8**	80 - 120
SA50019	Calibration Check	S5A1413-CCV5	Tetrachloro-m-xylene	**78.7**	80 - 120
SA50019	Calibration Check	S5A1461-CCV1	Decachlorobiphenyl	**78.6**	80 - 120
SA50019	Calibration Check	S5A1461-CCV1	Decachlorobiphenyl [2C]	**79.9**	-
SA50019	Calibration Check	S5A1461-CCV1	Tetrachloro-m-xylene	**78.4**	80 - 120
SA50019	Calibration Check	S5A1461-CCV1	Tetrachloro-m-xylene [2C]	**80.1**	-
SA50019	Calibration Check	S5A1461-CCV4	Decachlorobiphenyl	**71.9**	80 - 120
SA50019	Calibration Check	S5A1461-CCV4	Decachlorobiphenyl [2C]	**71.4**	-
SA50019	Calibration Check	S5A1461-CCV4	Tetrachloro-m-xylene [2C]	**81**	-
SA50019	Calibration Check	S5A1461-CCV5	Decachlorobiphenyl	**79.8**	80 - 120
SA50019	Calibration Check	S5A1461-CCV5	Decachlorobiphenyl [2C]	**77.1**	-
SA50019	Calibration Check	S5A1461-CCV5	Tetrachloro-m-xylene	**47.1**	80 - 120
SA50019	Calibration Check	S5A1461-CCV5	Tetrachloro-m-xylene [2C]	**80.3**	-
SA50019	Calibration Check	S5A1461-CCV6	Decachlorobiphenyl [2C]	**80.3**	-
SA50019	Calibration Check	S5A1461-CCV6	Tetrachloro-m-xylene [2C]	**80.8**	-
SA50019	Calibration Check	S5A1461-CCV7	Decachlorobiphenyl [2C]	**82.4**	-
SA50019	Calibration Check	S5A1461-CCV7	Tetrachloro-m-xylene [2C]	**82.6**	-

4.0 Analysis Issues

EPA 8082A

PCB, 8082 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50010

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50010	S5A0810	S5A0810	Secondary Cal Check	S5A0810-SCV1	ECD#1	P1160854.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV1	ECD#1	P1160951.D
SA50010	S5A1328	S5A1328	Aroclor Reference	S5A1328-ARC1	ECD#1	P1160952.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV2	ECD#1	P1160961.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV3	ECD#1	P1160983.D
SA50010	BA50563	S5A1328	Blank	BA50563-BLK2	ECD#1	P1160987.D
SA50010	BA50563	S5A1328	LCS	BA50563-BS2	ECD#1	P1160989.D
SA50010	BA50563	S5A1328	Field Blank 010825	25A0469-12	ECD#1	P1160993.D
SA50010	BA50563	S5A1328	Equipment Blank 010825	25A0469-13	ECD#1	P1160994.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV4	ECD#1	P1161005.D
SA50010	S5A1328	S5A1328	Calibration Check	S5A1328-CCV5	ECD#1	P1161026.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV1	ECD#1	P1161063.D
SA50010	S5A1424	S5A1424	Aroclor Reference	S5A1424-ARC1	ECD#1	P1161064.D
SA50010	BA50640	S5A1424	Blank	BA50640-BLK2	ECD#1	P1161065.D
SA50010	BA50640	S5A1424	LCS	BA50640-BS2	ECD#1	P1161066.D
SA50010	BA50640	S5A1424	UIC010	25A0469-10	ECD#1	P1161071.D
SA50010	BA50640	S5A1424	UIC00X	25A0469-11	ECD#1	P1161072.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV2	ECD#1	P1161083.D
SA50010	BA50684	S5A1424	Blank	BA50684-BLK2	ECD#1	P1161103.D
SA50010	BA50684	S5A1424	LCS	BA50684-BS2	ECD#1	P1161104.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV3	ECD#1	P1161106.D
SA50010	BA50684	S5A1424	UIC001	25A0469-01	ECD#1	P1161117.D
SA50010	BA50684	S5A1424	UIC002	25A0469-02	ECD#1	P1161118.D
SA50010	BA50684	S5A1424	UIC003	25A0469-03	ECD#1	P1161119.D
SA50010	BA50684	S5A1424	UIC004	25A0469-04	ECD#1	P1161120.D
SA50010	BA50684	S5A1424	UIC005	25A0469-05	ECD#1	P1161121.D
SA50010	BA50684	S5A1424	UIC007	25A0469-07	ECD#1	P1161122.D
SA50010	BA50684	S5A1424	UIC008	25A0469-08	ECD#1	P1161123.D
SA50010	BA50684	S5A1424	UIC009	25A0469-09	ECD#1	P1161124.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV4	ECD#1	P1161128.D
SA50010	S5A1424	S5A1424	Calibration Check	S5A1424-CCV5	ECD#1	P1161132.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV1	ECD#1	P1161135.D
SA50010	S5A1432	S5A1432	Aroclor Reference	S5A1432-ARC1	ECD#1	P1161136.D
SA50010	BA50706	S5A1432	Blank	BA50706-BLK2	ECD#1	P1161141.D
SA50010	BA50706	S5A1432	LCS	BA50706-BS2	ECD#1	P1161142.D
SA50010	BA50706	S5A1432	UIC006MS2	BA50706-MS2	ECD#1	P1161143.D
SA50010	BA50706	S5A1432	UIC006MSD2	BA50706-MSD2	ECD#1	P1161144.D

4.0 Analysis Issues

SA50010	BA50706	S5A1432	UIC006	25A0469-06	ECD#1	P1161145.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV2	ECD#1	P1161154.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV3	ECD#1	P1161175.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV4	ECD#1	P1161197.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV5	ECD#1	P1161210.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV6	ECD#1	P1161217.D

York Analytical Work Order Narrative

4.0 Analysis Issues

Initial calibration for ***EPA 8082A*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SA50010	ECD#1	1/8/2025 11:44:59 AM	P1160771.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
Aroclor 1221	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg

4.0 Analysis Issues

Aroclor 1248 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 [2C]	**0.00**	20	**0.0000**	0.05	Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Aroclor Reference	S5A1328-ARC1		P1160952.D
Blank	BA50563-BLK2		P1160987.D
Field Blank 010825	25A0469-12		P1160993.D
Equipment Blank 010825	25A0469-13		P1160994.D
Aroclor Reference	S5A1424-ARC1		P1161064.D
Blank	BA50640-BLK2		P1161065.D
UIC010	25A0469-10		P1161071.D
UIC00X	25A0469-11		P1161072.D

4.0 Analysis Issues

Blank	BA50684-BLK2	P1161103.D
UIC001	25A0469-01	P1161117.D
UIC002	25A0469-02	P1161118.D
UIC003	25A0469-03	P1161119.D
UIC004	25A0469-04	P1161120.D
UIC005	25A0469-05	P1161121.D
UIC007	25A0469-07	P1161122.D
UIC008	25A0469-08	P1161123.D
UIC009	25A0469-09	P1161124.D
Aroclor Reference	S5A1432-ARC1	P1161136.D
Blank	BA50706-BLK2	P1161141.D
UIC006	25A0469-06	P1161145.D

York Analytical Work Order Narrative

EPA 8082A

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8082A

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50010	S5A1328	S5A1328-CCV1	P1160951.D	01/10/25 11:09
SA50010	S5A1328	S5A1328-CCV2	P1160961.D	01/10/25 13:27
SA50010	S5A1328	S5A1328-CCV3	P1160983.D	01/10/25 22:14
SA50010	S5A1328	S5A1328-CCV4	P1161005.D	01/11/25 03:18
SA50010	S5A1328	S5A1328-CCV5	P1161026.D	01/11/25 08:08
SA50010	S5A1424	S5A1424-CCV1	P1161063.D	01/13/25 11:04
SA50010	S5A1424	S5A1424-CCV2	P1161083.D	01/13/25 15:52
SA50010	S5A1424	S5A1424-CCV3	P1161106.D	01/13/25 21:10
SA50010	S5A1424	S5A1424-CCV4	P1161128.D	01/14/25 02:14
SA50010	S5A1424	S5A1424-CCV5	P1161132.D	01/14/25 03:09
SA50010	S5A1432	S5A1432-CCV1	P1161135.D	01/14/25 08:38
SA50010	S5A1432	S5A1432-CCV2	P1161154.D	01/14/25 14:34
SA50010	S5A1432	S5A1432-CCV3	P1161175.D	01/14/25 19:34
SA50010	S5A1432	S5A1432-CCV4	P1161197.D	01/15/25 00:37
SA50010	S5A1432	S5A1432-CCV5	P1161210.D	01/15/25 03:36
SA50010	S5A1432	S5A1432-CCV6	P1161217.D	01/15/25 10:06

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SA50010	S5A1328-CCV1	Aroclor 1016 (1)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (3)	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (1) [2C]	ug/mL	1.03	1.00	**103**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (2) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (3) [2C]	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (4) [2C]	ug/mL	1.07	1.00	**107**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1016 (5) [2C]	ug/mL	1.06	1.00	**106**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (1)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (2)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (3)	ug/mL	1.03	1.00	**103**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (4)	ug/mL	1.02	1.00	**102**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (5)	ug/mL	1.05	1.00	**105**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 [2C]	ug/mL	1.07	1.00	**107**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (1) [2C]	ug/mL	1.04	1.00	**104**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (2) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (3) [2C]	ug/mL	1.07	1.00	**107**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (4) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Aroclor 1260 (5) [2C]	ug/mL	1.08	1.00	**108**		P1160951.D
SA50010	S5A1328-CCV1	Tetrachloro-m-xylene	ug/mL	0.142	0.160	**142**		P1160951.D

SA50010	S5A1328-CCV1	Tetrachloro-m-xylene [2C]	ug/mL	0.236	0.160	**148**	P1160951.D
SA50010	S5A1328-CCV1	Decachlorobiphenyl	ug/mL	0.243	0.160	**152**	P1160951.D
SA50010	S5A1328-CCV1	Decachlorobiphenyl [2C]	ug/mL	0.249	0.160	**156**	P1160951.D
SA50010	S5A1328-CCV2	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (2)	ug/mL	1.03	1.00	**103**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (3)	ug/mL	1.00	1.00	**100**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (4)	ug/mL	1.00	1.00	**100**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (5)	ug/mL	0.974	1.00	**97.4**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 [2C]	ug/mL	1.03	1.00	**103**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (2) [2C]	ug/mL	1.06	1.00	**106**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (3) [2C]	ug/mL	1.01	1.00	**101**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (4) [2C]	ug/mL	1.05	1.00	**105**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1016 (5) [2C]	ug/mL	1.03	1.00	**103**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (1)	ug/mL	0.948	1.00	**94.8**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (2)	ug/mL	0.959	1.00	**95.9**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (3)	ug/mL	0.914	1.00	**91.4**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (4)	ug/mL	0.901	1.00	**90.1**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (5)	ug/mL	0.913	1.00	**91.3**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 [2C]	ug/mL	0.974	1.00	**97.4**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (1) [2C]	ug/mL	0.973	1.00	**97.3**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (2) [2C]	ug/mL	0.988	1.00	**98.8**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (3) [2C]	ug/mL	0.975	1.00	**97.5**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (4) [2C]	ug/mL	0.968	1.00	**96.8**	P1160961.D
SA50010	S5A1328-CCV2	Aroclor 1260 (5) [2C]	ug/mL	0.967	1.00	**96.7**	P1160961.D
SA50010	S5A1328-CCV2	Tetrachloro-m-xylene	ug/mL	0.225	0.160	**141**	P1160961.D
SA50010	S5A1328-CCV2	Tetrachloro-m-xylene [2C]	ug/mL	0.232	0.160	**145**	P1160961.D
SA50010	S5A1328-CCV2	Decachlorobiphenyl	ug/mL	0.230	0.160	**144**	P1160961.D
SA50010	S5A1328-CCV2	Decachlorobiphenyl [2C]	ug/mL	0.214	0.160	**134**	P1160961.D
SA50010	S5A1328-CCV3	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (3)	ug/mL	1.04	1.00	**104**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 [2C]	ug/mL	1.05	1.00	**105**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (2) [2C]	ug/mL	1.08	1.00	**108**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (3) [2C]	ug/mL	0.995	1.00	**99.5**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (4) [2C]	ug/mL	1.06	1.00	**106**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1016 (5) [2C]	ug/mL	1.08	1.00	**108**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (1)	ug/mL	1.08	1.00	**108**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (2)	ug/mL	1.06	1.00	**106**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (3)	ug/mL	1.07	1.00	**107**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (4)	ug/mL	1.07	1.00	**107**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (5)	ug/mL	1.10	1.00	**110**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 [2C]	ug/mL	1.11	1.00	**111**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (1) [2C]	ug/mL	1.05	1.00	**105**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (2) [2C]	ug/mL	1.11	1.00	**111**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (3) [2C]	ug/mL	1.11	1.00	**111**	P1160983.D

SA50010	S5A1328-CCV3	Aroclor 1260 (4) [2C]	ug/mL	1.12	1.00	**112**	P1160983.D
SA50010	S5A1328-CCV3	Aroclor 1260 (5) [2C]	ug/mL	1.14	1.00	**114**	P1160983.D
SA50010	S5A1328-CCV3	Tetrachloro-m-xylene	ug/mL	0.228	0.160	**142**	P1160983.D
SA50010	S5A1328-CCV3	Tetrachloro-m-xylene [2C]	ug/mL	0.232	0.160	**145**	P1160983.D
SA50010	S5A1328-CCV3	Decachlorobiphenyl	ug/mL	0.264	0.160	**165**	P1160983.D
SA50010	S5A1328-CCV3	Decachlorobiphenyl [2C]	ug/mL	0.265	0.160	**166**	P1160983.D
SA50010	S5A1328-CCV4	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (2)	ug/mL	1.05	1.00	**105**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (3)	ug/mL	1.02	1.00	**102**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (4)	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (5)	ug/mL	1.03	1.00	**103**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 [2C]	ug/mL	1.02	1.00	**102**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (1) [2C]	ug/mL	1.00	1.00	**100**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (2) [2C]	ug/mL	1.05	1.00	**105**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (3) [2C]	ug/mL	0.981	1.00	**98.1**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (4) [2C]	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1016 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (1)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (2)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (3)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (4)	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (5)	ug/mL	1.09	1.00	**109**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 [2C]	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (1) [2C]	ug/mL	1.01	1.00	**101**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (2) [2C]	ug/mL	1.07	1.00	**107**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (3) [2C]	ug/mL	1.06	1.00	**106**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (4) [2C]	ug/mL	1.07	1.00	**107**	P1161005.D
SA50010	S5A1328-CCV4	Aroclor 1260 (5) [2C]	ug/mL	1.11	1.00	**111**	P1161005.D
SA50010	S5A1328-CCV4	Tetrachloro-m-xylene	ug/mL	0.226	0.160	**141**	P1161005.D
SA50010	S5A1328-CCV4	Tetrachloro-m-xylene [2C]	ug/mL	0.225	0.160	**141**	P1161005.D
SA50010	S5A1328-CCV4	Decachlorobiphenyl	ug/mL	0.262	0.160	**164**	P1161005.D
SA50010	S5A1328-CCV4	Decachlorobiphenyl [2C]	ug/mL	0.257	0.160	**161**	P1161005.D
SA50010	S5A1328-CCV5	Aroclor 1016 (1)	ug/mL	1.05	1.00	**105**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (2)	ug/mL	1.07	1.00	**107**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (3)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (1) [2C]	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (2) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (3) [2C]	ug/mL	1.01	1.00	**101**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (4) [2C]	ug/mL	1.07	1.00	**107**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1016 (5) [2C]	ug/mL	1.08	1.00	**108**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (1)	ug/mL	1.06	1.00	**106**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (2)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (3)	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (4)	ug/mL	1.05	1.00	**105**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (5)	ug/mL	1.06	1.00	**106**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 [2C]	ug/mL	1.08	1.00	**108**	P1161026.D

SA50010	S5A1328-CCV5	Aroclor 1260 (1) [2C]	ug/mL	1.04	1.00	**104**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (2) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (3) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (4) [2C]	ug/mL	1.09	1.00	**109**	P1161026.D
SA50010	S5A1328-CCV5	Aroclor 1260 (5) [2C]	ug/mL	1.11	1.00	**111**	P1161026.D
SA50010	S5A1328-CCV5	Tetrachloro-m-xylene	ug/mL	0.228	0.160	**142**	P1161026.D
SA50010	S5A1328-CCV5	Tetrachloro-m-xylene [2C]	ug/mL	0.236	0.160	**148**	P1161026.D
SA50010	S5A1328-CCV5	Decachlorobiphenyl	ug/mL	0.252	0.160	**158**	P1161026.D
SA50010	S5A1328-CCV5	Decachlorobiphenyl [2C]	ug/mL	0.254	0.160	**159**	P1161026.D
SA50010	S5A1432-CCV1	Aroclor 1016 (1)	ug/mL	1.06	1.00	**106**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (2)	ug/mL	1.08	1.00	**108**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (3)	ug/mL	1.05	1.00	**105**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (4)	ug/mL	1.06	1.00	**106**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (5)	ug/mL	1.06	1.00	**106**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (1) [2C]	ug/mL	1.04	1.00	**104**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (2) [2C]	ug/mL	1.08	1.00	**108**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (3) [2C]	ug/mL	1.05	1.00	**105**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (4) [2C]	ug/mL	1.07	1.00	**107**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (5) [2C]	ug/mL	1.08	1.00	**108**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (1)	ug/mL	1.10	1.00	**110**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (2)	ug/mL	1.10	1.00	**110**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (3)	ug/mL	1.09	1.00	**109**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (4)	ug/mL	1.10	1.00	**110**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (5)	ug/mL	1.12	1.00	**112**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 [2C]	ug/mL	1.10	1.00	**110**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (1) [2C]	ug/mL	1.05	1.00	**105**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (2) [2C]	ug/mL	1.10	1.00	**110**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (3) [2C]	ug/mL	1.10	1.00	**110**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (4) [2C]	ug/mL	1.11	1.00	**111**	P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (5) [2C]	ug/mL	1.13	1.00	**113**	P1161135.D
SA50010	S5A1432-CCV1	Tetrachloro-m-xylene	ug/mL	0.232	0.160	**145**	P1161135.D
SA50010	S5A1432-CCV1	Tetrachloro-m-xylene [2C]	ug/mL	0.238	0.160	**149**	P1161135.D
SA50010	S5A1432-CCV1	Decachlorobiphenyl	ug/mL	0.266	0.160	**166**	P1161135.D
SA50010	S5A1432-CCV1	Decachlorobiphenyl [2C]	ug/mL	0.256	0.160	**160**	P1161135.D
SA50010	S5A1432-CCV2	Aroclor 1016 (1)	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (2)	ug/mL	1.07	1.00	**107**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (3)	ug/mL	1.03	1.00	**103**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 [2C]	ug/mL	1.04	1.00	**104**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (2) [2C]	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (3) [2C]	ug/mL	1.03	1.00	**103**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (4) [2C]	ug/mL	1.05	1.00	**105**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (5) [2C]	ug/mL	1.05	1.00	**105**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (1)	ug/mL	1.08	1.00	**108**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (2)	ug/mL	1.09	1.00	**109**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (3)	ug/mL	1.06	1.00	**106**	P1161154.D

SA50010	S5A1432-CCV2	Aroclor 1260 (4)	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (5)	ug/mL	1.09	1.00	**109**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 [2C]	ug/mL	1.07	1.00	**107**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (1) [2C]	ug/mL	1.02	1.00	**102**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (2) [2C]	ug/mL	1.07	1.00	**107**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (3) [2C]	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (4) [2C]	ug/mL	1.08	1.00	**108**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (5) [2C]	ug/mL	1.10	1.00	**110**	P1161154.D
SA50010	S5A1432-CCV2	Tetrachloro-m-xylene	ug/mL	0.233	0.160	**146**	P1161154.D
SA50010	S5A1432-CCV2	Tetrachloro-m-xylene [2C]	ug/mL	0.233	0.160	**146**	P1161154.D
SA50010	S5A1432-CCV2	Decachlorobiphenyl	ug/mL	0.269	0.160	**168**	P1161154.D
SA50010	S5A1432-CCV2	Decachlorobiphenyl [2C]	ug/mL	0.257	0.160	**161**	P1161154.D
SA50010	S5A1432-CCV3	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (3)	ug/mL	1.01	1.00	**101**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (4)	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (5)	ug/mL	1.05	1.00	**105**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 [2C]	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (1) [2C]	ug/mL	1.01	1.00	**101**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (2) [2C]	ug/mL	1.06	1.00	**106**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (3) [2C]	ug/mL	1.00	1.00	**100**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (4) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (1)	ug/mL	1.05	1.00	**105**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (2)	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (3)	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (4)	ug/mL	1.02	1.00	**102**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (5)	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 [2C]	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (1) [2C]	ug/mL	0.998	1.00	**99.8**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (2) [2C]	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (3) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (4) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Tetrachloro-m-xylene	ug/mL	0.232	0.160	**145**	P1161175.D
SA50010	S5A1432-CCV3	Tetrachloro-m-xylene [2C]	ug/mL	0.232	0.160	**145**	P1161175.D
SA50010	S5A1432-CCV3	Decachlorobiphenyl	ug/mL	0.254	0.160	**159**	P1161175.D
SA50010	S5A1432-CCV3	Decachlorobiphenyl [2C]	ug/mL	0.231	0.160	**144**	P1161175.D
SA50010	S5A1432-CCV4	Aroclor 1016 (1)	ug/mL	1.05	1.00	**105**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (3)	ug/mL	1.00	1.00	**100**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (4)	ug/mL	1.02	1.00	**102**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 [2C]	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (1) [2C]	ug/mL	1.01	1.00	**101**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (2) [2C]	ug/mL	1.07	1.00	**107**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (3) [2C]	ug/mL	1.01	1.00	**101**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (4) [2C]	ug/mL	1.06	1.00	**106**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (5) [2C]	ug/mL	1.06	1.00	**106**	P1161197.D

SA50010	S5A1432-CCV4	Aroclor 1260 (1)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (2)	ug/mL	1.03	1.00	**103**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (3)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (4)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (5)	ug/mL	1.05	1.00	**105**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 [2C]	ug/mL	1.09	1.00	**109**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (1) [2C]	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (2) [2C]	ug/mL	1.10	1.00	**110**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (3) [2C]	ug/mL	1.09	1.00	**109**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (4) [2C]	ug/mL	1.10	1.00	**110**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (5) [2C]	ug/mL	1.12	1.00	**112**	P1161197.D
SA50010	S5A1432-CCV4	Tetrachloro-m-xylene	ug/mL	0.229	0.160	**143**	P1161197.D
SA50010	S5A1432-CCV4	Tetrachloro-m-xylene [2C]	ug/mL	0.235	0.160	**147**	P1161197.D
SA50010	S5A1432-CCV4	Decachlorobiphenyl	ug/mL	0.255	0.160	**159**	P1161197.D
SA50010	S5A1432-CCV4	Decachlorobiphenyl [2C]	ug/mL	0.254	0.160	**159**	P1161197.D
SA50010	S5A1432-CCV5	Aroclor 1016 (1)	ug/mL	1.03	1.00	**103**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (2)	ug/mL	1.02	1.00	**102**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (3)	ug/mL	1.00	1.00	**100**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (4)	ug/mL	1.02	1.00	**102**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 [2C]	ug/mL	1.08	1.00	**108**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (1) [2C]	ug/mL	1.05	1.00	**105**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (2) [2C]	ug/mL	1.10	1.00	**110**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (3) [2C]	ug/mL	1.07	1.00	**107**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (4) [2C]	ug/mL	1.10	1.00	**110**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (5) [2C]	ug/mL	1.09	1.00	**109**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (1)	ug/mL	1.09	1.00	**109**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (2)	ug/mL	1.10	1.00	**110**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (3)	ug/mL	1.08	1.00	**108**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (4)	ug/mL	1.09	1.00	**109**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (5)	ug/mL	1.12	1.00	**112**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 [2C]	ug/mL	1.12	1.00	**112**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (1) [2C]	ug/mL	1.08	1.00	**108**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (2) [2C]	ug/mL	1.13	1.00	**113**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (3) [2C]	ug/mL	1.12	1.00	**112**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (4) [2C]	ug/mL	1.13	1.00	**113**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (5) [2C]	ug/mL	1.16	1.00	**116**	P1161210.D
SA50010	S5A1432-CCV5	Tetrachloro-m-xylene	ug/mL	0.226	0.160	**141**	P1161210.D
SA50010	S5A1432-CCV5	Tetrachloro-m-xylene [2C]	ug/mL	0.243	0.160	**152**	P1161210.D
SA50010	S5A1432-CCV5	Decachlorobiphenyl	ug/mL	0.258	0.160	**161**	P1161210.D
SA50010	S5A1432-CCV5	Decachlorobiphenyl [2C]	ug/mL	0.265	0.160	**166**	P1161210.D
SA50010	S5A1432-CCV6	Aroclor 1016 (1)	ug/mL	1.06	1.00	**106**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (2)	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (3)	ug/mL	0.991	1.00	**99.1**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (4)	ug/mL	1.06	1.00	**106**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (5)	ug/mL	1.06	1.00	**106**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 [2C]	ug/mL	1.01	1.00	**101**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (1) [2C]	ug/mL	0.999	1.00	**99.9**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (2) [2C]	ug/mL	1.00	1.00	**100**	P1161217.D

SA50010	S5A1432-CCV6	Aroclor 1016 (3) [2C]	ug/mL	0.989	1.00	**98.9**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (4) [2C]	ug/mL	1.03	1.00	**103**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (1)	ug/mL	1.02	1.00	**102**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (2)	ug/mL	1.11	1.00	**111**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (3)	ug/mL	1.05	1.00	**105**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (4)	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (5)	ug/mL	1.11	1.00	**111**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 [2C]	ug/mL	1.09	1.00	**109**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (1) [2C]	ug/mL	1.03	1.00	**103**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (2) [2C]	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (3) [2C]	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (4) [2C]	ug/mL	1.10	1.00	**110**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (5) [2C]	ug/mL	1.13	1.00	**113**	P1161217.D
SA50010	S5A1432-CCV6	Tetrachloro-m-xylene	ug/mL	0.236	0.160	**148**	P1161217.D
SA50010	S5A1432-CCV6	Tetrachloro-m-xylene [2C]	ug/mL	0.230	0.160	**144**	P1161217.D
SA50010	S5A1432-CCV6	Decachlorobiphenyl	ug/mL	0.280	0.160	**175**	P1161217.D
SA50010	S5A1432-CCV6	Decachlorobiphenyl [2C]	ug/mL	0.265	0.160	**166**	P1161217.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50010	S5A1328	S5A1328-ARC1	Aroclor Reference		P1160952.D
SA50010	S5A1328	BA50563-BLK2	Blank		P1160987.D
SA50010	S5A1328	BA50563-BS2	LCS		P1160989.D
SA50010	S5A1328	25A0469-12	Field Blank 010825		P1160993.D
SA50010	S5A1328	25A0469-13	Equipment Blank 010		P1160994.D
SA50010	S5A1432	S5A1432-ARC1	Aroclor Reference		P1161136.D
SA50010	S5A1432	BA50706-BLK2	Blank		P1161141.D
SA50010	S5A1432	BA50706-BS2	LCS		P1161142.D
SA50010	S5A1432	BA50706-MS2	Matrix Spike	UIC006	P1161143.D
SA50010	S5A1432	BA50706-MSD2	Matrix Spike Dup	UIC006	P1161144.D

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
ARO	BA50563	S5A1328	ECD#1	BA50563-BLK2	P1160987.D
ARO	BA50640	S5A1424	ECD#1	BA50640-BLK2	P1161065.D
ARO	BA50684	S5A1424	ECD#1	BA50684-BLK2	P1161103.D
ARO	BA50706	S5A1432	ECD#1	BA50706-BLK2	P1161141.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50010	5A1328	BA50563-BS2	LCS	P1160989.D
SA50010	5A1424	BA50640-BS2	LCS	P1161066.D
SA50010	5A1424	BA50684-BS2	LCS	P1161104.D
SA50010	5A1432	BA50706-BS2	LCS	P1161142.D

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
ARO	**SA50010**	BA50706	S5A1432	UIC006MS2	25A0469-06	UIC006	BA50706-MS2
ARO	**SA50010**	BA50706	S5A1432	UIC006MSD2	25A0469-06	UIC006	BA50706-MSD2

Dilutions: No sample dilutions were required.

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Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50010	Blank	BA50563-BLK2	Tetrachloro-m-xylene [2C]	**24.5**	30 - 120
SA50010	LCS	BA50563-BS2	Tetrachloro-m-xylene [2C]	**27.5**	30 - 120
SA50010	Field Blank 010825	25A0469-12	Decachlorobiphenyl [2C]	**29**	30 - 120
SA50010	Equipment Blank 010825	25A0469-13	Decachlorobiphenyl	**25.5**	30 - 150
SA50010	Equipment Blank 010825	25A0469-13	Decachlorobiphenyl [2C]	**24.5**	30 - 120
SA50010	Calibration Check	S5A1328-CCV1	Tetrachloro-m-xylene	**142**	-
SA50010	Calibration Check	S5A1328-CCV1	Tetrachloro-m-xylene [2C]	**148**	-
SA50010	Calibration Check	S5A1328-CCV1	Decachlorobiphenyl	**152**	-
SA50010	Calibration Check	S5A1328-CCV1	Decachlorobiphenyl [2C]	**156**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Tetrachloro-m-xylene	**120**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Tetrachloro-m-xylene [2C]	**122**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Decachlorobiphenyl	**98.5**	-
SA50010	Aroclor Reference	S5A1328-ARC1	Decachlorobiphenyl [2C]	**102**	-
SA50010	Calibration Check	S5A1328-CCV2	Tetrachloro-m-xylene	**141**	-
SA50010	Calibration Check	S5A1328-CCV2	Tetrachloro-m-xylene [2C]	**145**	-
SA50010	Calibration Check	S5A1328-CCV2	Decachlorobiphenyl	**144**	-
SA50010	Calibration Check	S5A1328-CCV2	Decachlorobiphenyl [2C]	**134**	-
SA50010	Calibration Check	S5A1328-CCV3	Tetrachloro-m-xylene	**142**	-
SA50010	Calibration Check	S5A1328-CCV3	Tetrachloro-m-xylene [2C]	**145**	-
SA50010	Calibration Check	S5A1328-CCV3	Decachlorobiphenyl	**165**	-
SA50010	Calibration Check	S5A1328-CCV3	Decachlorobiphenyl [2C]	**166**	-
SA50010	Calibration Check	S5A1328-CCV4	Tetrachloro-m-xylene	**141**	-
SA50010	Calibration Check	S5A1328-CCV4	Tetrachloro-m-xylene [2C]	**141**	-
SA50010	Calibration Check	S5A1328-CCV4	Decachlorobiphenyl	**164**	-
SA50010	Calibration Check	S5A1328-CCV4	Decachlorobiphenyl [2C]	**161**	-
SA50010	Calibration Check	S5A1328-CCV5	Tetrachloro-m-xylene	**142**	-
SA50010	Calibration Check	S5A1328-CCV5	Tetrachloro-m-xylene [2C]	**148**	-
SA50010	Calibration Check	S5A1328-CCV5	Decachlorobiphenyl	**158**	-
SA50010	Calibration Check	S5A1328-CCV5	Decachlorobiphenyl [2C]	**159**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Tetrachloro-m-xylene	**121**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Tetrachloro-m-xylene [2C]	**118**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Decachlorobiphenyl	**108**	-
SA50010	Aroclor Reference	S5A1424-ARC1	Decachlorobiphenyl [2C]	**102**	-
SA50010	Calibration Check	S5A1432-CCV1	Tetrachloro-m-xylene	**145**	-
SA50010	Calibration Check	S5A1432-CCV1	Tetrachloro-m-xylene [2C]	**149**	-
SA50010	Calibration Check	S5A1432-CCV1	Decachlorobiphenyl	**166**	-
SA50010	Calibration Check	S5A1432-CCV1	Decachlorobiphenyl [2C]	**160**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Tetrachloro-m-xylene	**119**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Tetrachloro-m-xylene [2C]	**115**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Decachlorobiphenyl	**108**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Decachlorobiphenyl [2C]	**104**	-
SA50010	Calibration Check	S5A1432-CCV2	Tetrachloro-m-xylene	**146**	-

SA50010	Calibration Check	S5A1432-CCV2	Tetrachloro-m-xylene [2C]	**146**	-
SA50010	Calibration Check	S5A1432-CCV2	Decachlorobiphenyl	**168**	-
SA50010	Calibration Check	S5A1432-CCV2	Decachlorobiphenyl [2C]	**161**	-
SA50010	Calibration Check	S5A1432-CCV3	Tetrachloro-m-xylene	**145**	-
SA50010	Calibration Check	S5A1432-CCV3	Tetrachloro-m-xylene [2C]	**145**	-
SA50010	Calibration Check	S5A1432-CCV3	Decachlorobiphenyl	**159**	-
SA50010	Calibration Check	S5A1432-CCV3	Decachlorobiphenyl [2C]	**144**	-
SA50010	Calibration Check	S5A1432-CCV4	Tetrachloro-m-xylene	**143**	-
SA50010	Calibration Check	S5A1432-CCV4	Tetrachloro-m-xylene [2C]	**147**	-
SA50010	Calibration Check	S5A1432-CCV4	Decachlorobiphenyl	**159**	-
SA50010	Calibration Check	S5A1432-CCV4	Decachlorobiphenyl [2C]	**159**	-
SA50010	Calibration Check	S5A1432-CCV5	Tetrachloro-m-xylene	**141**	-
SA50010	Calibration Check	S5A1432-CCV5	Tetrachloro-m-xylene [2C]	**152**	-
SA50010	Calibration Check	S5A1432-CCV5	Decachlorobiphenyl	**161**	-
SA50010	Calibration Check	S5A1432-CCV5	Decachlorobiphenyl [2C]	**166**	-
SA50010	Calibration Check	S5A1432-CCV6	Tetrachloro-m-xylene	**148**	-
SA50010	Calibration Check	S5A1432-CCV6	Tetrachloro-m-xylene [2C]	**144**	-
SA50010	Calibration Check	S5A1432-CCV6	Decachlorobiphenyl	**175**	-
SA50010	Calibration Check	S5A1432-CCV6	Decachlorobiphenyl [2C]	**166**	-

4.0 Analysis Issues

EPA 8151A

HERB, 8151 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40037

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40037	S4K2404	S4K2404	Secondary Cal Check	S4K2404-SCV1	GCECD4	PS472454.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV1	GCECD4	PS473716.d
SK40037	BA50675	S5A1444	Blank	BA50675-BLK1	GCECD4	PS473717.d
SK40037	BA50675	S5A1444	LCS	BA50675-BS1	GCECD4	PS473718.d
SK40037	BA50675	S5A1444	Field Blank 010825	25A0469-12	GCECD4	PS473724.d
SK40037	BA50675	S5A1444	Equipment Blank 010825	25A0469-13	GCECD4	PS473725.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV2	GCECD4	PS473737.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV3	GCECD4	PS473746.d
SK40037	BA50657	S5A1444	Blank	BA50657-BLK1	GCECD4	PS473748.d
SK40037	BA50657	S5A1444	LCS	BA50657-BS1	GCECD4	PS473749.d
SK40037	BA50657	S5A1444	UIC006MS1	BA50657-MS1	GCECD4	PS473750.d
SK40037	BA50657	S5A1444	UIC006MSD1	BA50657-MSD1	GCECD4	PS473752.d
SK40037	BA50657	S5A1444	UIC001	25A0469-01	GCECD4	PS473755.d
SK40037	BA50657	S5A1444	UIC002	25A0469-02	GCECD4	PS473756.d
SK40037	BA50657	S5A1444	UIC003	25A0469-03	GCECD4	PS473757.d
SK40037	BA50657	S5A1444	UIC004	25A0469-04	GCECD4	PS473758.d
SK40037	BA50657	S5A1444	UIC005	25A0469-05	GCECD4	PS473759.d
SK40037	BA50657	S5A1444	UIC006	25A0469-06	GCECD4	PS473760.d
SK40037	BA50657	S5A1444	UIC007	25A0469-07	GCECD4	PS473761.d
SK40037	BA50657	S5A1444	UIC008	25A0469-08	GCECD4	PS473762.d
SK40037	BA50657	S5A1444	UIC009	25A0469-09	GCECD4	PS473763.d
SK40037	BA50657	S5A1444	UIC010	25A0469-10	GCECD4	PS473764.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV4	GCECD4	PS473766.d
SK40037	BA50657	S5A1444	UIC00X	25A0469-11	GCECD4	PS473767.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV5	GCECD4	PS473787.d

Initial calibration for EPA 8151A met method guidelines.

York Analytical Work Order Narrative

EPA 8151A

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8151A
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40037	S5A1444	S5A1444-CCV1	PS473716.d	01/14/25 09:20
SK40037	S5A1444	S5A1444-CCV2	PS473737.d	01/14/25 14:12
SK40037	S5A1444	S5A1444-CCV3	PS473746.d	01/14/25 15:16
SK40037	S5A1444	S5A1444-CCV4	PS473766.d	01/14/25 17:40
SK40037	S5A1444	S5A1444-CCV5	PS473787.d	01/14/25 20:10

The continuing calibration verification recovered within method limits.

EPA 8151A

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
HERB	BA50657	S5A1444	GCECD4	BA50657-BLK1	PS473748.d
HERB	BA50675	S5A1444	GCECD4	BA50675-BLK1	PS473717.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40037	5A1444	BA50657-BS1	LCS	PS473749.d
SK40037	5A1444	BA50675-BS1	LCS	PS473718.d

EPA 8151A

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
HERB	**SK40037**	BA50657	S5A1444	UIC006MS1	25A0469-06	UIC006	BA50657-MS1
HERB	**SK40037**	BA50657	S5A1444	UIC006MSD1	25A0469-06	UIC006	BA50657-MSD1

Dilutions: No sample dilutions were required.

EPA 8151A

Internal Standards / Surrogates

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6010D

Metals, Target Analyte

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte	S5A1435	S5A1435	Initial Cal Check	S5A1435-ICV1	ICP5900-01	QBI011425B-006
Metals, Target Analyte	S5A1435	S5A1435	Initial Cal Blank	S5A1435-ICB1	ICP5900-01	QBI011425B-007
Metals, Target Analyte	S5A1435	S5A1435	Instrument RL Check	S5A1435-CRL1	ICP5900-01	QBI011425B-008
Metals, Target Analyte	S5A1435	S5A1435	Interference Check A	S5A1435-IFA1	ICP5900-01	QBI011425B-010
Metals, Target Analyte	S5A1435	S5A1435	Interference Check B	S5A1435-IFB1	ICP5900-01	QBI011425B-011
Metals, Target Analyte	S5A1435	S5A1435	Calibration Check	S5A1435-CCV1	ICP5900-01	QBI011425B-012
Metals, Target Analyte	S5A1435	S5A1435	Calibration Blank	S5A1435-CCB1	ICP5900-01	QBI011425B-013
Metals, Target Analyte	S5A1435	S5A1435	Calibration Check	S5A1435-CCV3	ICP5900-01	QBI011425B-036
Metals, Target Analyte	S5A1435	S5A1435	Calibration Blank	S5A1435-CCB3	ICP5900-01	QBI011425B-037
Metals, Target Analyte	BA50710	S5A1435	Blank	BA50710-BLK1	ICP5900-01	QBI011425B-041
Metals, Target Analyte	BA50710	S5A1435	Reference	BA50710-SRM1	ICP5900-01	QBI011425B-042
Metals, Target Analyte	S5A1435	S5A1435	Calibration Check	S5A1435-CCV4	ICP5900-01	QBI011425B-048
Metals, Target Analyte	S5A1435	S5A1435	Calibration Blank	S5A1435-CCB4	ICP5900-01	QBI011425B-049
Metals, Target Analyte	BA50710	S5A1435	UIC001	25A0469-01	ICP5900-01	QBI011425B-056
Metals, Target Analyte	BA50710	S5A1435	UIC002	25A0469-02	ICP5900-01	QBI011425B-057
Metals, Target Analyte	BA50710	S5A1435	UIC003	25A0469-03	ICP5900-01	QBI011425B-058
Metals, Target Analyte	BA50710	S5A1435	UIC004	25A0469-04	ICP5900-01	QBI011425B-059
Metals, Target Analyte	S5A1435	S5A1435	Calibration Check	S5A1435-CCV5	ICP5900-01	QBI011425B-060
Metals, Target Analyte	S5A1435	S5A1435	Calibration Blank	S5A1435-CCB5	ICP5900-01	QBI011425B-061
Metals, Target Analyte	BA50710	S5A1435	UIC005	25A0469-05	ICP5900-01	QBI011425B-062
Metals, Target Analyte	BA50710	S5A1435	UIC006	25A0469-06	ICP5900-01	QBI011425B-063
Metals, Target Analyte	BA50710	S5A1435	UIC006DUP1	BA50710-DUP1	ICP5900-01	QBI011425B-064
Metals, Target Analyte	BA50710	S5A1435	UIC006MS1	BA50710-MS1	ICP5900-01	QBI011425B-065
Metals, Target Analyte	BA50710	S5A1435	Post Spike	BA50710-PS1	ICP5900-01	QBI011425B-066
Metals, Target Analyte	S5A1435	S5A1435	Serial Dilution	S5A1435-SRD2	ICP5900-01	QBI011425B-067
Metals, Target Analyte	BA50710	S5A1435	UIC007	25A0469-07	ICP5900-01	QBI011425B-068
Metals, Target Analyte	S5A1435	S5A1435	Calibration Check	S5A1435-CCV6	ICP5900-01	QBI011425B-069
Metals, Target Analyte	S5A1435	S5A1435	Calibration Blank	S5A1435-CCB6	ICP5900-01	QBI011425B-070
Metals, Target Analyte	S5A1518	S5A1518	Initial Cal Check	S5A1518-ICV1	ICP5900-01	QBI011525A-006
Metals, Target Analyte	S5A1518	S5A1518	Initial Cal Blank	S5A1518-ICB1	ICP5900-01	QBI011525A-007
Metals, Target Analyte	S5A1518	S5A1518	Instrument RL Check	S5A1518-CRL1	ICP5900-01	QBI011525A-008
Metals, Target Analyte	S5A1518	S5A1518	Interference Check A	S5A1518-IFA1	ICP5900-01	QBI011525A-010

4.0 Analysis Issues

Metals, Target Analyte	S5A1518	S5A1518	Interference Check B	S5A1518-IFB1	ICP5900-01	QBI011525A-011
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV1	ICP5900-01	QBI011525A-012
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB1	ICP5900-01	QBI011525A-013
Metals, Target Analyte	BA50797	S5A1518	Reference	BA50797-SRM1	ICP5900-01	QBI011525A-015
Metals, Target Analyte	BA50797	S5A1518	UIC008	25A0469-08	ICP5900-01	QBI011525A-016
Metals, Target Analyte	BA50797	S5A1518	UIC009	25A0469-09	ICP5900-01	QBI011525A-017
Metals, Target Analyte	BA50797	S5A1518	UIC010	25A0469-10	ICP5900-01	QBI011525A-018
Metals, Target Analyte	BA50797	S5A1518	UIC00X	25A0469-11	ICP5900-01	QBI011525A-019
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV2	ICP5900-01	QBI011525A-024
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB2	ICP5900-01	QBI011525A-025
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV3	ICP5900-01	QBI011525A-036
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB3	ICP5900-01	QBI011525A-037
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV4	ICP5900-01	QBI011525A-048
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB4	ICP5900-01	QBI011525A-049
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV5	ICP5900-01	QBI011525A-060
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB5	ICP5900-01	QBI011525A-061
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV6	ICP5900-01	QBI011525A-072
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB6	ICP5900-01	QBI011525A-073
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV7	ICP5900-01	QBI011525A-084
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB7	ICP5900-01	QBI011525A-085
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV8	ICP5900-01	QBI011525A-096
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB8	ICP5900-01	QBI011525A-097
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV9	ICP5900-01	QBI011525A-104
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB9	ICP5900-01	QBI011525A-105
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVA	ICP5900-01	QBI011525A-116
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBA	ICP5900-01	QBI011525A-117
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVB	ICP5900-01	QBI011525A-130
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBB	ICP5900-01	QBI011525A-131
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVC	ICP5900-01	QBI011525A-142
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBC	ICP5900-01	QBI011525A-143
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVD	ICP5900-01	QBI011525A-154
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBD	ICP5900-01	QBI011525A-155
Metals, Target Analyte	BA50797	S5A1518	Blank	BA50797-BLK1	ICP5900-01	QBI011525A-164
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVE	ICP5900-01	QBI011525A-166
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBE	ICP5900-01	QBI011525A-167
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVF	ICP5900-01	QBI011525A-178
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBF	ICP5900-01	QBI011525A-179
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVG	ICP5900-01	QBI011525A-190
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBG	ICP5900-01	QBI011525A-191

4.0 Analysis Issues

Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVH	ICP5900-01	QBI011525A-197
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBH	ICP5900-01	QBI011525A-198

Initial calibration for EPA 6010D met method guidelines.

York Analytical Work Order Narrative

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte	S5A1435	S5A1435-CCV1	QBI011425B-012	01/14/25 12:35
Metals, Target Analyte	S5A1435	S5A1435-CCV3	QBI011425B-036	01/14/25 13:11
Metals, Target Analyte	S5A1435	S5A1435-CCV4	QBI011425B-048	01/14/25 13:27
Metals, Target Analyte	S5A1435	S5A1435-CCV5	QBI011425B-060	01/14/25 13:43
Metals, Target Analyte	S5A1435	S5A1435-CCV6	QBI011425B-069	01/14/25 13:55
Metals, Target Analyte	S5A1435	S5A1435-ICV1	QBI011425B-006	01/14/25 12:27
Metals, Target Analyte	S5A1518	S5A1518-CCV1	QBI011525A-012	01/15/25 11:28
Metals, Target Analyte	S5A1518	S5A1518-CCV2	QBI011525A-024	01/15/25 11:46
Metals, Target Analyte	S5A1518	S5A1518-CCV3	QBI011525A-036	01/15/25 12:02
Metals, Target Analyte	S5A1518	S5A1518-CCV4	QBI011525A-048	01/15/25 12:20
Metals, Target Analyte	S5A1518	S5A1518-CCV5	QBI011525A-060	01/15/25 12:36
Metals, Target Analyte	S5A1518	S5A1518-CCV6	QBI011525A-072	01/15/25 12:52
Metals, Target Analyte	S5A1518	S5A1518-CCV7	QBI011525A-084	01/15/25 13:08
Metals, Target Analyte	S5A1518	S5A1518-CCV8	QBI011525A-096	01/15/25 13:24
Metals, Target Analyte	S5A1518	S5A1518-CCV9	QBI011525A-104	01/15/25 13:34
Metals, Target Analyte	S5A1518	S5A1518-CCVA	QBI011525A-116	01/15/25 14:29
Metals, Target Analyte	S5A1518	S5A1518-CCVB	QBI011525A-130	01/15/25 14:48
Metals, Target Analyte	S5A1518	S5A1518-CCVC	QBI011525A-142	01/15/25 15:04
Metals, Target Analyte	S5A1518	S5A1518-CCVD	QBI011525A-154	01/15/25 15:25
Metals, Target Analyte	S5A1518	S5A1518-CCVE	QBI011525A-166	01/15/25 15:41
Metals, Target Analyte	S5A1518	S5A1518-CCVF	QBI011525A-178	01/15/25 15:58
Metals, Target Analyte	S5A1518	S5A1518-CCVG	QBI011525A-190	01/15/25 16:14
Metals, Target Analyte	S5A1518	S5A1518-CCVH	QBI011525A-197	01/15/25 16:23
Metals, Target Analyte	S5A1518	S5A1518-ICV1	QBI011525A-006	01/15/25 11:15

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
Metals, Target Analyte	S5A1518-CCV3	Selenium	ug/mL	0.561	0.500	**112**	90	110	QBI011525A-036
Metals, Target Analyte	S5A1518-CCV5	Selenium	ug/mL	0.556	0.500	**111**	90	110	QBI011525A-060
Metals, Target Analyte	S5A1518-CCV7	Selenium	ug/mL	0.558	0.500	**112**	90	110	QBI011525A-084
Metals, Target Analyte	S5A1518-CCV7	Silver	ug/mL	1.10	1.25	**87.7**	90	110	QBI011525A-084
Metals, Target Analyte	S5A1518-CCV8	Selenium	ug/mL	0.558	0.500	**112**	90	110	QBI011525A-096

Metals, Target Analyte	S5A1518-CCV9	Selenium	ug/mL	0.555	0.500	**111**	90	110	QBI011525A-104
Metals, Target Analyte	S5A1518-CCVA	Selenium	ug/mL	0.553	0.500	**111**	90	110	QBI011525A-116
Metals, Target Analyte	S5A1518-CCVB	Selenium	ug/mL	0.558	0.500	**112**	90	110	QBI011525A-130
Metals, Target Analyte	S5A1518-CCVC	Selenium	ug/mL	0.558	0.500	**112**	90	110	QBI011525A-142
Metals, Target Analyte	S5A1518-CCVD	Selenium	ug/mL	0.555	0.500	**111**	90	110	QBI011525A-154
Metals, Target Analyte	S5A1518-CCVE	Selenium	ug/mL	0.554	0.500	**111**	90	110	QBI011525A-166
Metals, Target Analyte	S5A1518-CCVF	Selenium	ug/mL	0.554	0.500	**111**	90	110	QBI011525A-178
Metals, Target Analyte	S5A1518-CCVG	Selenium	ug/mL	0.556	0.500	**111**	90	110	QBI011525A-190
Metals, Target Analyte	S5A1518-CCVG	Silver	ug/mL	1.07	1.25	**85.5**	90	110	QBI011525A-190

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
Metals, Target An	S5A1518	S5A1518-ICB1	Initial Cal Blank		QBI011525A-007
Metals, Target An	S5A1518	S5A1518-IFA1	Interference Check A		QBI011525A-010
Metals, Target An	S5A1518	S5A1518-IFB1	Interference Check B		QBI011525A-011
Metals, Target An	S5A1518	S5A1518-CCB1	Calibration Blank		QBI011525A-013
Metals, Target An	S5A1518	BA50797-SRM1	Reference		QBI011525A-015
Metals, Target An	S5A1518	25A0469-08	UIC008		QBI011525A-016
Metals, Target An	S5A1518	25A0469-09	UIC009		QBI011525A-017
Metals, Target An	S5A1518	25A0469-10	UIC010		QBI011525A-018
Metals, Target An	S5A1518	25A0469-11	UIC00X		QBI011525A-019
Metals, Target An	S5A1518	S5A1518-CCB2	Calibration Blank		QBI011525A-025
Metals, Target An	S5A1518	S5A1518-CCB3	Calibration Blank		QBI011525A-037
Metals, Target An	S5A1518	S5A1518-CCB4	Calibration Blank		QBI011525A-049
Metals, Target An	S5A1518	S5A1518-CCB5	Calibration Blank		QBI011525A-061
Metals, Target An	S5A1518	S5A1518-CCB6	Calibration Blank		QBI011525A-073
Metals, Target An	S5A1518	S5A1518-CCB7	Calibration Blank		QBI011525A-085
Metals, Target An	S5A1518	S5A1518-CCB8	Calibration Blank		QBI011525A-097
Metals, Target An	S5A1518	S5A1518-CCB9	Calibration Blank		QBI011525A-105
Metals, Target An	S5A1518	S5A1518-CCBA	Calibration Blank		QBI011525A-117
Metals, Target An	S5A1518	S5A1518-CCBB	Calibration Blank		QBI011525A-131
Metals, Target An	S5A1518	S5A1518-CCBC	Calibration Blank		QBI011525A-143
Metals, Target An	S5A1518	S5A1518-CCBD	Calibration Blank		QBI011525A-155
Metals, Target An	S5A1518	BA50797-BLK1	Blank		QBI011525A-164
Metals, Target An	S5A1518	S5A1518-CCBE	Calibration Blank		QBI011525A-167

Metals, Target An	S5A1518	S5A1518-CCBF	Calibration Blank	QBI011525A-179
Metals, Target An	S5A1518	S5A1518-CCBG	Calibration Blank	QBI011525A-191
Metals, Target An	S5A1518	S5A1518-CCBH	Calibration Blank	QBI011525A-198

EPA 6010D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50710	S5A1435	ICP5900-01	BA50710-BLK1	QBI011425B-041
METALS	BA50797	S5A1518	ICP5900-01	BA50797-BLK1	QBI011525A-164

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1518	Blank	BA50797-BLK1	Soil	Potassium	11.9	4.17	mg/kg wet

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA50797	25A0469-08	UIC008	QBI011525A-016
BA50797	25A0469-09	UIC009	QBI011525A-017
BA50797	25A0469-10	UIC010	QBI011525A-018
BA50797	25A0469-11	UIC00X	QBI011525A-019
BA50797	BA50797-SRM1	Reference	QBI011525A-015

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte	5A1435	BA50710-SRM1	Reference	QBI011425B-042
Metals, Target Analyte	5A1518	BA50797-SRM1	Reference	QBI011525A-015

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1518	Reference	BA50797-SRM	Silver		**56.5**		73. - 111.7	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50797	25A0469-08	UIC008	
BA50797	25A0469-09	UIC009	
BA50797	25A0469-10	UIC010	
BA50797	25A0469-11	UIC00X	
BA50797	BA50797-BLK1	Blank	
BA50797	BA50797-SRM1	Reference	
S5A1518	S5A1518-ICB1	Initial Cal Blank	
S5A1518	S5A1518-IFA1	Interference Check A	
S5A1518	S5A1518-IFB1	Interference Check B	

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
METALS	**Metals, Target**	BA50710	S5A1435	UIC006DUP1	25A0469-06	UIC006	BA50710-DUP1
METALS	**Metals, Target**	BA50710	S5A1435	UIC006MS1	25A0469-06	UIC006	BA50710-MS1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1435	UIC006	BA50710-MS1	Aluminum	mg/kg dry		1020		75 - 125	
S5A1435	UIC006	BA50710-MS1	Antimony	mg/kg dry		33.2		75 - 125	
S5A1435	UIC006	BA50710-MS1	Calcium	mg/kg dry		456		75 - 125	
S5A1435	UIC006	BA50710-MS1	Copper	mg/kg dry		136		75 - 125	
S5A1435	UIC006	BA50710-MS1	Iron	mg/kg dry		1780		75 - 125	
S5A1435	UIC006	BA50710-MS1	Magnesium	mg/kg dry		608		75 - 125	
S5A1435	UIC006	BA50710-MS1	Manganese	mg/kg dry		135		75 - 125	
S5A1435	UIC006	BA50710-MS1	Potassium	mg/kg dry		184		75 - 125	
S5A1435	UIC006	BA50710-MS1	Zinc	mg/kg dry		130		75 - 125	

Dilutions: No sample dilutions were required.

EPA 6010D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6010D

Metals, Target Analyte, ICP

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte, ICP

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte, ICP	S5A1405	S5A1405	Initial Cal Check	S5A1405-ICV1	ICP5900-01	QBI011325A-006
Metals, Target Analyte, ICP	S5A1405	S5A1405	Initial Cal Blank	S5A1405-ICB1	ICP5900-01	QBI011325A-007
Metals, Target Analyte, ICP	S5A1405	S5A1405	Instrument RL Check	S5A1405-CRL1	ICP5900-01	QBI011325A-008
Metals, Target Analyte, ICP	S5A1405	S5A1405	Interference Check A	S5A1405-IFA1	ICP5900-01	QBI011325A-010
Metals, Target Analyte, ICP	S5A1405	S5A1405	Interference Check B	S5A1405-IFB1	ICP5900-01	QBI011325A-011
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Check	S5A1405-CCV1	ICP5900-01	QBI011325A-012
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Blank	S5A1405-CCB1	ICP5900-01	QBI011325A-013
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Check	S5A1405-CCVC	ICP5900-01	QBI011325A-135
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Blank	S5A1405-CCBC	ICP5900-01	QBI011325A-136
Metals, Target Analyte, ICP	BA50687	S5A1405	Blank	BA50687-BLK1	ICP5900-01	QBI011325A-137
Metals, Target Analyte, ICP	BA50687	S5A1405	LCS	BA50687-BS1	ICP5900-01	QBI011325A-138
Metals, Target Analyte, ICP	BA50687	S5A1405	Field Blank 010825	25A0469-12	ICP5900-01	QBI011325A-141
Metals, Target Analyte, ICP	BA50687	S5A1405	Field Blank 010825DUP1	BA50687-DUP1	ICP5900-01	QBI011325A-142
Metals, Target Analyte, ICP	BA50687	S5A1405	Field Blank 010825MS1	BA50687-MS1	ICP5900-01	QBI011325A-143
Metals, Target Analyte, ICP	BA50687	S5A1405	Post Spike	BA50687-PS1	ICP5900-01	QBI011325A-144
Metals, Target Analyte, ICP	S5A1405	S5A1405	Serial Dilution	S5A1405-SRD5	ICP5900-01	QBI011325A-145
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Check	S5A1405-CCVD	ICP5900-01	QBI011325A-146
Metals, Target Analyte, ICP	S5A1405	S5A1405	Calibration Blank	S5A1405-CCBD	ICP5900-01	QBI011325A-147
Metals, Target Analyte, ICP	S5A1439	S5A1439	Initial Cal Check	S5A1439-ICV1	ICP5900-01	QBI011425B-006
Metals, Target Analyte, ICP	S5A1439	S5A1439	Initial Cal Blank	S5A1439-ICB1	ICP5900-01	QBI011425B-007
Metals, Target Analyte, ICP	S5A1439	S5A1439	Instrument RL Check	S5A1439-CRL1	ICP5900-01	QBI011425B-008
Metals, Target Analyte, ICP	S5A1439	S5A1439	Interference Check A	S5A1439-IFA1	ICP5900-01	QBI011425B-010
Metals, Target Analyte, ICP	S5A1439	S5A1439	Interference Check B	S5A1439-IFB1	ICP5900-01	QBI011425B-011
Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Check	S5A1439-CCV1	ICP5900-01	QBI011425B-012
Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Blank	S5A1439-CCB1	ICP5900-01	QBI011425B-013
Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Check	S5A1439-CCV6	ICP5900-01	QBI011425B-069
Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Blank	S5A1439-CCB6	ICP5900-01	QBI011425B-070
Metals, Target Analyte, ICP	BA50766	S5A1439	Blank	BA50766-BLK1	ICP5900-01	QBI011425B-071
Metals, Target Analyte, ICP	BA50766	S5A1439	Equipment Blank 010825	25A0469-13	ICP5900-01	QBI011425B-073
Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Check	S5A1439-CCV7	ICP5900-01	QBI011425B-081
Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Blank	S5A1439-CCB7	ICP5900-01	QBI011425B-082

4.0 Analysis Issues

Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Check	S5A1439-CCV8	ICP5900-01	QBI011425B-093
Metals, Target Analyte, ICP	S5A1439	S5A1439	Calibration Blank	S5A1439-CCB8	ICP5900-01	QBI011425B-094
Metals, Target Analyte, ICP	S5A1446	S5A1446	Initial Cal Check	S5A1446-ICV1	ICP5900-01	QBI011425B-006
Metals, Target Analyte, ICP	S5A1446	S5A1446	Initial Cal Blank	S5A1446-ICB1	ICP5900-01	QBI011425B-007
Metals, Target Analyte, ICP	S5A1446	S5A1446	Instrument RL Check	S5A1446-CRL1	ICP5900-01	QBI011425B-008
Metals, Target Analyte, ICP	S5A1446	S5A1446	Interference Check A	S5A1446-IFA1	ICP5900-01	QBI011425B-010
Metals, Target Analyte, ICP	S5A1446	S5A1446	Interference Check B	S5A1446-IFB1	ICP5900-01	QBI011425B-011
Metals, Target Analyte, ICP	S5A1446	S5A1446	Calibration Check	S5A1446-CCV1	ICP5900-01	QBI011425B-012
Metals, Target Analyte, ICP	S5A1446	S5A1446	Calibration Blank	S5A1446-CCB1	ICP5900-01	QBI011425B-013
Metals, Target Analyte, ICP	S5A1446	S5A1446	Calibration Check	S5A1446-CCVA	ICP5900-01	QBI011425B-117
Metals, Target Analyte, ICP	S5A1446	S5A1446	Calibration Blank	S5A1446-CCBA	ICP5900-01	QBI011425B-118
Metals, Target Analyte, ICP	BA50766	S5A1446	LCS	BA50766-BS1	ICP5900-01	QBI011425B-129
Metals, Target Analyte, ICP	S5A1446	S5A1446	Calibration Check	S5A1446-CCVB	ICP5900-01	QBI011425B-130
Metals, Target Analyte, ICP	S5A1446	S5A1446	Calibration Blank	S5A1446-CCBB	ICP5900-01	QBI011425B-131

Initial calibration for EPA 6010D met method guidelines.

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte, ICP	S5A1405	S5A1405-CCV1	QBI011325A-012	01/13/25 10:59
Metals, Target Analyte, ICP	S5A1405	S5A1405-CCVC	QBI011325A-135	01/13/25 15:17
Metals, Target Analyte, ICP	S5A1405	S5A1405-CCVD	QBI011325A-146	01/13/25 15:55
Metals, Target Analyte, ICP	S5A1405	S5A1405-ICV1	QBI011325A-006	01/13/25 10:48
Metals, Target Analyte, ICP	S5A1439	S5A1439-CCV1	QBI011425B-012	01/14/25 12:35
Metals, Target Analyte, ICP	S5A1439	S5A1439-CCV6	QBI011425B-069	01/14/25 13:55
Metals, Target Analyte, ICP	S5A1439	S5A1439-CCV7	QBI011425B-081	01/14/25 14:39
Metals, Target Analyte, ICP	S5A1439	S5A1439-CCV8	QBI011425B-093	01/14/25 14:55
Metals, Target Analyte, ICP	S5A1439	S5A1439-ICV1	QBI011425B-006	01/14/25 12:27
Metals, Target Analyte, ICP	S5A1446	S5A1446-CCV1	QBI011425B-012	01/14/25 12:35
Metals, Target Analyte, ICP	S5A1446	S5A1446-CCVA	QBI011425B-117	01/14/25 15:27
Metals, Target Analyte, ICP	S5A1446	S5A1446-CCVB	QBI011425B-130	01/14/25 15:46
Metals, Target Analyte, ICP	S5A1446	S5A1446-ICV1	QBI011425B-006	01/14/25 12:27

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 6010D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50687	S5A1405	ICP5900-01	BA50687-BLK1	QBI011325A-137
METALS	BA50766	S5A1439	ICP5900-01	BA50766-BLK1	QBI011425B-071

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte, ICP	5A1405	BA50687-BS1	LCS	QBI011325A-138
Metals, Target Analyte, ICP	5A1446	BA50766-BS1	LCS	QBI011425B-129

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1405	LCS	BA50687-BS1	Sodium		**134**		80 - 120	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50687	25A0469-12	Field Blank 010825	
BA50687	BA50687-DUP1	Duplicate	Field Blank 010825
BA50687	BA50687-MS1	Matrix Spike	Field Blank 010825
BA50687	BA50687-PS1	Post Spike	Field Blank 010825
S5A1405	S5A1405-ICB1	Initial Cal Blank	
S5A1405	S5A1405-IFA1	Interference Check A	
S5A1405	S5A1405-IFB1	Interference Check B	

EPA 6010D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
METALS	**Metals, Target**	BA50687	S5A1405	Field Blank 010825DUP1	25A0469-12	Field Blank 010825	BA50687-DUP1
METALS	**Metals, Target**	BA50687	S5A1405	Field Blank 010825MS1	25A0469-12	Field Blank 010825	BA50687-MS1

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1405	Field Blank 010825DUP1	25A0469-12	BA50687-DUP1	Potassium	43.5	20	

Dilutions: No sample dilutions were required.

EPA 6010D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6020B

Metals, Target Analyte, ICPMS

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte, ICPMS

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Initial Cal Check	S5A1516-ICV1	Nexion2000C	QBIMX011525A-014
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Initial Cal Blank	S5A1516-ICB1	Nexion2000C	QBIMX011525A-015
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Check	S5A1516-CCV1	Nexion2000C	QBIMX011525A-016
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Blank	S5A1516-CCB1	Nexion2000C	QBIMX011525A-017
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Instrument RL Check	S5A1516-CRL1	Nexion2000C	QBIMX011525A-020
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Interference Check A	S5A1516-IFA1	Nexion2000C	QBIMX011525A-022
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Interference Check B	S5A1516-IFB1	Nexion2000C	QBIMX011525A-023
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Check	S5A1516-CCV2	Nexion2000C	QBIMX011525A-024
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Blank	S5A1516-CCB2	Nexion2000C	QBIMX011525A-025
Metals, Target Analyte, ICPMS	BA50767	S5A1516	Blank	BA50767-BLK1	Nexion2000C	QBIMX011525A-026
Metals, Target Analyte, ICPMS	BA50767	S5A1516	LCS	BA50767-BS1	Nexion2000C	QBIMX011525A-027
Metals, Target Analyte, ICPMS	BA50767	S5A1516	Field Blank 010825	25A0469-12	Nexion2000C	QBIMX011525A-028
Metals, Target Analyte, ICPMS	BA50767	S5A1516	Equipment Blank 010825	25A0469-13	Nexion2000C	QBIMX011525A-029
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Check	S5A1516-CCV3	Nexion2000C	QBIMX011525A-036
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Blank	S5A1516-CCB3	Nexion2000C	QBIMX011525A-037

Initial calibration for EPA 6020B met method guidelines.

York Analytical Work Order Narrative

EPA 6020B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6020B

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
Metals, Target Analyte, ICPMS	S5A1516-ICV1	Selenium	50.0	55.5	**111**	90 - 110

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1516-ICB1	Initial Cal Blank	QBIMX011525A-015
S5A1516-CCV1	Calibration Check	QBIMX011525A-016
S5A1516-IFB1	Interference Check B	QBIMX011525A-023
S5A1516-CCV2	Calibration Check	QBIMX011525A-024
BA50767-BS1	LCS	QBIMX011525A-027
25A0469-12	Field Blank 010825	QBIMX011525A-028
S5A1516-CCV3	Calibration Check	QBIMX011525A-036

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-CCV1	QBIMX011525A-016	01/15/25 12:10
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-CCV2	QBIMX011525A-024	01/15/25 12:47
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-CCV3	QBIMX011525A-036	01/15/25 13:29
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-ICV1	QBIMX011525A-014	01/15/25 12:03

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
Metals, Target Analyte, ICPMS	S5A1516-CCV2	Selenium	ug/L	43.3	50.0	**86.5**	90 110	QBIMX011525A-024
Metals, Target Analyte, ICPMS	S5A1516-ICV1	Selenium	ug/L	55.5	50.0	**111**	90 110	QBIMX011525A-014

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
Metals, Target An	S5A1516	S5A1516-ICB1	Initial Cal Blank		QBIMX011525A-015
Metals, Target An	S5A1516	S5A1516-CCB1	Calibration Blank		QBIMX011525A-017
Metals, Target An	S5A1516	S5A1516-IFA1	Interference Check A		QBIMX011525A-022
Metals, Target An	S5A1516	S5A1516-IFB1	Interference Check B		QBIMX011525A-023
Metals, Target An	S5A1516	S5A1516-CCB2	Calibration Blank		QBIMX011525A-025
Metals, Target An	S5A1516	BA50767-BLK1	Blank		QBIMX011525A-026
Metals, Target An	S5A1516	BA50767-BS1	LCS		QBIMX011525A-027
Metals, Target An	S5A1516	25A0469-12	Field Blank 010825		QBIMX011525A-028
Metals, Target An	S5A1516	25A0469-13	Equipment Blank 010		QBIMX011525A-029
Metals, Target An	S5A1516	S5A1516-CCB3	Calibration Blank		QBIMX011525A-037

York Analytical Work Order Narrative

EPA 6020B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50767	S5A1516	Nexion2000C	BA50767-BLK1	QBIMX011525A-026

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte, ICPMS	5A1516	BA50767-BS1	LCS	QBIMX011525A-027

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1516	LCS	BA50767-BS1	Selenium		**79.6**		80 - 120	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50767	25A0469-12	Field Blank 010825	
BA50767	25A0469-13	Equipment Blank 010	
BA50767	BA50767-BLK1	Blank	
S5A1516	S5A1516-ICB1	Initial Cal Blank	
S5A1516	S5A1516-IFA1	Interference Check A	
S5A1516	S5A1516-IFB1	Interference Check B	

EPA 6020B

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7473

Mercury by 7473

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Mercury by 7473

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Mercury by 7473	BA50791	S5A1464	UIC004	25A0469-04	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	UIC005	25A0469-05	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	UIC007	25A0469-07	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	UIC008	25A0469-08	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	UIC009	25A0469-09	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	UIC010	25A0469-10	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	UIC00X	25A0469-11	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	Blank	BA50791-BLK1	DMA 80-01	
Mercury by 7473	BA50791	S5A1464	Reference	BA50791-SRM1	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	Calibration Blank	S5A1464-CCB1	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	Calibration Blank	S5A1464-CCB2	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	Calibration Blank	S5A1464-CCB3	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	Calibration Check	S5A1464-CCV1	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	Calibration Check	S5A1464-CCV2	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	Calibration Check	S5A1464-CCV3	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	High Cal Check	S5A1464-HCV1	DMA 80-01	
Mercury by 7473	S5A1464	S5A1464	Low Cal Check	S5A1464-LCV1	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	UIC001	25A0469-01	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	UIC002	25A0469-02	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	UIC003	25A0469-03	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	UIC006	25A0469-06	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	Blank	BA50792-BLK1	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	UIC006DUP1	BA50792-DUP1	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	UIC006MS1	BA50792-MS1	DMA 80-01	
Mercury by 7473	BA50792	S5A1465	Reference	BA50792-SRM1	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	Calibration Blank	S5A1465-CCB1	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	Calibration Blank	S5A1465-CCB2	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	Calibration Blank	S5A1465-CCB3	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	Calibration Check	S5A1465-CCV1	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	Calibration Check	S5A1465-CCV2	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	Calibration Check	S5A1465-CCV3	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	High Cal Check	S5A1465-HCV1	DMA 80-01	
Mercury by 7473	S5A1465	S5A1465	Low Cal Check	S5A1465-LCV1	DMA 80-01	

Initial calibration for EPA 7473 met method guidelines.

York Analytical Work Order Narrative

EPA 7473

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 7473
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Mercury by 7473	S5A1464	S5A1464-CCV1		01/15/25 14:25
Mercury by 7473	S5A1464	S5A1464-CCV2		01/15/25 14:25
Mercury by 7473	S5A1464	S5A1464-CCV3		01/15/25 14:34
Mercury by 7473	S5A1465	S5A1465-CCV1		01/15/25 14:35
Mercury by 7473	S5A1465	S5A1465-CCV2		01/15/25 14:35
Mercury by 7473	S5A1465	S5A1465-CCV3		01/15/25 14:35

The continuing calibration verification recovered within method limits.

EPA 7473

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
HG	BA50791	S5A1464	DMA 80-01	BA50791-BLK1	
HG	BA50792	S5A1465	DMA 80-01	BA50792-BLK1	

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Mercury by 7473	5A1464	BA50791-SRM1	Reference	
Mercury by 7473	5A1465	BA50792-SRM1	Reference	

EPA 7473

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
HG	**Mercury by 747**	BA50792	S5A1465	UIC006DUP1	25A0469-06	UIC006	BA50792-DUP1
HG	**Mercury by 747**	BA50792	S5A1465	UIC006MS1	25A0469-06	UIC006	BA50792-MS1

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1465	UIC006DUP1	25A0469-06	BA50792-DUP1	Mercury	51.7	35	M-DUPS

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7470

Mercury by 7470/7471

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : **none**

Samples and QC analyzed using this calibration / sequence.

Initial calibration for EPA 7470 met method guidelines.

EPA 7470

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 7470
All target analytes recovered within method limits

Continuing Calibration Verification-

The continuing calibration verification recovered within method limits.

EPA 7470

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50780-BS1	LCS	QBHg01132025A-088
none		BA50780-BS2	LCS	QBHg01132025A-098

EPA 7470

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7196A

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50521-BS1	LCS	
none		BA50659-SRM1	Reference	

EPA 7196A

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 9014/9010C

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50665-SRM1	Reference	CN_SPECB_BA50665_2501130
none		BA50596-BS1	LCS	

EPA 9014/9010C

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

4.0 Analysis Issues

SM 2540G

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

SM 2540G

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

SM 4500 CN C-2016

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50665-SRM1	Reference	CN_SPECB_BA50665_2501130
none		BA50596-BS1	LCS	

SM 4500 CN C-2016 / E-2

Dilutions: No sample dilutions were required.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50635
Laboratory ID: BA50635-MS1
Preparation: EPA 5035A
Initial/Final: 4.11 g / 5 ml
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	0.00	9.77	19.5	15 - 161
1,1,1-Trichloroethane	50.0	0.00	17.7	35.4 *	42 - 145
1,1,2,2-Tetrachloroethane	50.0	0.00	13.0	25.9	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	0.00	15.3	30.7	11 - 160
1,1,2-Trichloroethane	50.0	0.00	19.7	39.3 *	44 - 145
1,1-Dichloroethane	50.0	0.00	24.7	49.4	46 - 142
1,1-Dichloroethylene	50.0	0.00	23.0	46.0	30 - 153
1,2,3-Trichlorobenzene	50.0	0.00	0.00	*	10 - 157
1,2,3-Trichloropropane	50.0	0.00	17.5	35.0 *	38 - 155
1,2,4-Trichlorobenzene	50.0	0.00	1.03	2.06 *	10 - 151
1,2,4-Trimethylbenzene	50.0	0.00	4.00	8.00 *	10 - 170
1,2-Dibromo-3-chloropropane	50.0	0.00	5.82	11.6 *	36 - 138
1,2-Dibromoethane	50.0	0.00	18.3	36.5 *	40 - 142
1,2-Dichlorobenzene	50.0	0.00	3.59	7.18 *	10 - 147
1,2-Dichloroethane	50.0	0.00	26.7	53.5	48 - 133
1,2-Dichloropropane	50.0	0.00	21.3	42.6 *	47 - 141
1,3,5-Trimethylbenzene	50.0	0.00	4.52	9.04 *	10 - 150
1,3-Dichlorobenzene	50.0	0.00	3.62	7.24 *	10 - 144
1,4-Dichlorobenzene	50.0	0.00	3.62	7.24 *	10 - 160
1,4-Dioxane	1050	0.00	1380	132	10 - 191
2-Butanone	50.0	8.18	58.6	101	10 - 189
2-Hexanone	50.0	0.00	28.6	57.2	10 - 181
4-Methyl-2-pentanone	50.0	0.00	33.0	65.9	10 - 166
Acetone	50.0	35.7	155	238 *	10 - 196
Acrolein	50.0	0.00	2.00	4.00 *	10 - 192
Acrylonitrile	50.0	0.00	39.3	78.6	13 - 161
Benzene	50.0	0.00	20.9	41.9 *	43 - 139
Bromochloromethane	50.0	0.00	26.6	53.1	38 - 145
Bromodichloromethane	50.0	0.00	18.4	36.8 *	38 - 147
Bromoform	50.0	0.00	9.23	18.5 *	29 - 156
Bromomethane	50.0	0.00	26.8	53.7	10 - 166

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50635
Laboratory ID: BA50635-MS1
Preparation: EPA 5035A
Initial/Final: 4.11 g / 5 ml
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
Carbon disulfide	50.0	0.00	22.3	44.6	10 - 131
Carbon tetrachloride	50.0	0.00	14.3	28.6 *	35 - 145
Chlorobenzene	50.0	0.00	8.50	17.0 *	21 - 154
Chloroethane	50.0	0.00	27.2	54.4	15 - 160
Chloroform	50.0	0.00	22.4	44.8 *	47 - 142
Chloromethane	50.0	0.00	20.2	40.4	10 - 159
cis-1,2-Dichloroethylene	50.0	0.00	22.7	45.3	42 - 144
cis-1,3-Dichloropropylene	50.0	0.00	15.8	31.7	18 - 159
Cyclohexane	50.0	0.00	10.4	20.9 *	70 - 130
Dibromochloromethane	50.0	0.00	13.4	26.9	10 - 179
Dibromomethane	50.0	0.00	23.7	47.4	47 - 143
Dichlorodifluoromethane	50.0	0.00	9.16	18.3	10 - 145
Ethyl Benzene	50.0	0.00	7.54	15.1	11 - 158
Hexachlorobutadiene	50.0	0.00	0.00	*	10 - 158
Isopropylbenzene	50.0	0.00	6.21	12.4	10 - 162
Methyl acetate	50.0	1.49	53.0	103	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	0.00	33.4	66.8	42 - 152
Methylcyclohexane	50.0	0.00	6.45	12.9 *	70 - 130
Methylene chloride	50.0	0.00	27.2	54.4	28 - 151
n-Butylbenzene	50.0	0.00	2.45	4.90 *	10 - 162
n-Propylbenzene	50.0	0.00	5.32	10.6	10 - 155
o-Xylene	50.0	0.00	6.19	12.4	10 - 158
p- & m- Xylenes	100	0.00	13.6	13.6	10 - 156
p-Isopropyltoluene	50.0	0.00	3.13	6.26 *	10 - 147
sec-Butylbenzene	50.0	0.00	3.50	7.00 *	10 - 157
Styrene	50.0	0.00	1.47	2.94 *	13 - 171
tert-Butyl alcohol (TBA)	250	0.00	204	81.5	34 - 179
tert-Butylbenzene	50.0	0.00	4.33	8.66 *	10 - 160
Tetrachloroethylene	50.0	0.00	7.64	15.3 *	30 - 167
Toluene	50.0	0.00	13.4	26.9	21 - 160
trans-1,2-Dichloroethylene	50.0	0.00	21.9	43.9	29 - 153
trans-1,3-Dichloropropylene	50.0	0.00	15.4	30.7	18 - 155

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50635
Laboratory ID: BA50635-MSD1
Preparation: EPA 5035A
Initial/Final: 6.14 g / 5 ml
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	41.5	82.9	124 *	33	15 - 161
1,1,1-Trichloroethane	50.0	40.2	80.4	77.7 *	30	42 - 145
1,1,2,2-Tetrachloroethane	50.0	41.2	82.4	104 *	56	16 - 167
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	40.3	80.6	89.7 *	31	11 - 160
1,1,2-Trichloroethane	50.0	41.9	83.8	72.2 *	40	44 - 145
1,1-Dichloroethane	50.0	41.0	82.1	49.7 *	36	46 - 142
1,1-Dichloroethylene	50.0	40.6	81.3	55.4 *	31	30 - 153
1,2,3-Trichlorobenzene	50.0	25.8	51.5		47	10 - 157
1,2,3-Trichloropropane	50.0	40.1	80.3	78.6 *	48	38 - 155
1,2,4-Trichlorobenzene	50.0	26.8	53.5	185 *	52	10 - 151
1,2,4-Trimethylbenzene	50.0	37.0	74.0	161	242	10 - 170
1,2-Dibromo-3-chloropropane	50.0	37.6	75.2	146 *	54	36 - 138
1,2-Dibromoethane	50.0	42.1	84.1	78.9 *	39	40 - 142
1,2-Dichlorobenzene	50.0	34.8	69.5	163 *	52	10 - 147
1,2-Dichloroethane	50.0	42.8	85.6	46.1 *	32	48 - 133
1,2-Dichloropropane	50.0	40.9	81.8	63.0 *	37	47 - 141
1,3,5-Trimethylbenzene	50.0	36.4	72.8	156 *	62	10 - 150
1,3-Dichlorobenzene	50.0	34.0	68.1	162 *	51	10 - 144
1,4-Dichlorobenzene	50.0	34.2	68.4	162 *	52	10 - 160
1,4-Dioxane	1050	1540	146	10.5	196	10 - 191
2-Butanone	50.0	51.2	78.0	13.4	67	10 - 189
2-Hexanone	50.0	35.6	71.2	21.9	60	10 - 181
4-Methyl-2-pentanone	50.0	38.8	77.5	16.1	47	10 - 166
Acetone	50.0	134	161	14.5	150	10 - 196
Acrolein	50.0	17.9	35.8	160 *	128	10 - 192
Acrylonitrile	50.0	41.7	83.3	5.80	48	13 - 161
Benzene	50.0	43.0	86.0	69.0 *	64	43 - 139
Bromochloromethane	50.0	41.7	83.4	44.3 *	30	38 - 145
Bromodichloromethane	50.0	41.5	83.0	77.1 *	37	38 - 147
Bromoform	50.0	40.9	81.8	126 *	51	29 - 156
Bromomethane	50.0	35.2	70.5	27.1	42	10 - 166
Carbon disulfide	50.0	42.0	84.0	61.3 *	36	10 - 131

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50635
Laboratory ID: BA50635-MSD1
Preparation: EPA 5035A
Initial/Final: 6.14 g / 5 ml
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon tetrachloride	50.0	39.6	79.2	94.0 *	31	35 - 145
Chlorobenzene	50.0	39.2	78.4	129 *	32	21 - 154
Chloroethane	50.0	36.4	72.7	28.7	40	15 - 160
Chloroform	50.0	43.0	85.9	63.0 *	29	47 - 142
Chloromethane	50.0	24.2	48.5	18.2	31	10 - 159
cis-1,2-Dichloroethylene	50.0	41.2	82.5	58.2 *	30	42 - 144
cis-1,3-Dichloropropylene	50.0	39.0	78.0	84.5 *	39	18 - 159
Cyclohexane	50.0	41.0	82.0	119 *	30	70 - 130
Dibromochloromethane	50.0	41.1	82.2	101 *	41	10 - 179
Dibromomethane	50.0	40.3	80.7	51.9 *	41	47 - 143
Dichlorodifluoromethane	50.0	13.4	26.8	37.7 *	34	10 - 145
Ethyl Benzene	50.0	39.6	79.1	136 *	42	11 - 158
Hexachlorobutadiene	50.0	20.9	41.9		45	10 - 158
Isopropylbenzene	50.0	37.8	75.6	144 *	57	10 - 162
Methyl acetate	50.0	40.7	76.9	26.4	64	10 - 149
Methyl tert-butyl ether (MTBE)	50.0	43.8	87.7	27.1	47	42 - 152
Methylcyclohexane	50.0	32.3	64.5 *	133 *	30	70 - 130
Methylene chloride	50.0	39.2	78.3	36.1	49	28 - 151
n-Butylbenzene	50.0	30.9	61.8	171 *	96	10 - 162
n-Propylbenzene	50.0	35.8	71.5	148 *	56	10 - 155
o-Xylene	50.0	39.1	78.2	145 *	51	10 - 158
p- & m- Xylenes	100	76.6	76.6	139 *	47	10 - 156
p-Isopropyltoluene	50.0	34.4	68.7	167 *	60	10 - 147
sec-Butylbenzene	50.0	33.3	66.6	162 *	56	10 - 157
Styrene	50.0	38.3	76.6	185 *	39	13 - 171
tert-Butyl alcohol (TBA)	250	203	81.2	0.349	35	34 - 179
tert-Butylbenzene	50.0	35.8	71.6	157 *	79	10 - 160
Tetrachloroethylene	50.0	34.2	68.3	127 *	33	30 - 167
Toluene	50.0	40.4	80.8	100 *	50	21 - 160
trans-1,2-Dichloroethylene	50.0	40.7	81.4	59.9 *	30	29 - 153
trans-1,3-Dichloropropylene	50.0	39.6	79.1	88.1 *	30	18 - 155
Trichloroethylene	50.0	39.3	78.6	90.8 *	30	24 - 169
Trichlorofluoromethane	50.0	35.6	71.1	60.1 *	30	35 - 142

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50555	Laboratory ID:	BA50555-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	8.39	83.9	82 - 126
1,1,1-Trichloroethane	10.0	9.39	93.9	78 - 130
1,1,2,2-Tetrachloroethane	10.0	8.92	89.2	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.8	128	70 - 130
1,1,2-Trichloroethane	10.0	8.40	84.0	82 - 123
1,1-Dichloroethane	10.0	8.87	88.7	82 - 129
1,1-Dichloroethylene	10.0	10.3	103	70 - 130
1,2,3-Trichlorobenzene	10.0	8.64	86.4	76 - 130
1,2,3-Trichloropropane	10.0	7.51	75.1 *	77 - 128
1,2,4-Trichlorobenzene	10.0	8.85	88.5	76 - 130
1,2,4-Trimethylbenzene	10.0	7.78	77.8 *	82 - 132
1,2-Dibromo-3-chloropropane	10.0	7.73	77.3	45 - 147
1,2-Dibromoethane	10.0	8.26	82.6 *	83 - 124
1,2-Dichlorobenzene	10.0	8.13	81.3	79 - 123
1,2-Dichloroethane	10.0	8.79	87.9	73 - 130
1,2-Dichloropropane	10.0	8.53	85.3	78 - 126
1,3,5-Trimethylbenzene	10.0	8.20	82.0	80 - 131
1,3-Dichlorobenzene	10.0	8.19	81.9 *	86 - 122
1,3-Dichloropropane	10.0	8.41	84.1	81 - 125
1,4-Dichlorobenzene	10.0	8.12	81.2 *	85 - 124
1,4-Dioxane	210	150	71.3	40 - 160
2-Butanone	10.0	7.61	76.1	49 - 152
2-Hexanone	10.0	6.91	69.1	51 - 146
4-Methyl-2-pentanone	10.0	8.12	81.2	57 - 145
Acetone	10.0	14.4	144	40 - 150
Acrolein	10.0	5.04	50.4	10 - 153
Acrylonitrile	10.0	8.69	86.9	51 - 150
Benzene	10.0	9.33	93.3	85 - 126
Bromochloromethane	10.0	8.66	86.6	77 - 128
Bromodichloromethane	10.0	8.54	85.4	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50555	Laboratory ID:	BA50555-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	8.66	86.6	78 - 130
Bromomethane	10.0	2.73	27.3 *	43 - 160
Carbon disulfide	10.0	10.3	103	68 - 146
Carbon tetrachloride	10.0	10.0	100	77 - 130
Chlorobenzene	10.0	8.58	85.8 *	88 - 120
Chloroethane	10.0	7.41	74.1	65 - 136
Chloroform	10.0	8.67	86.7	82 - 128
Chloromethane	10.0	3.40	34.0 *	43 - 155
cis-1,2-Dichloroethylene	10.0	9.30	93.0	83 - 129
cis-1,3-Dichloropropylene	10.0	8.71	87.1	80 - 130
Cyclohexane	10.0	10.8	108	70 - 130
Dibromochloromethane	10.0	8.41	84.1	80 - 130
Dibromomethane	10.0	7.84	78.4	72 - 134
Dichlorodifluoromethane	10.0	4.53	45.3	44 - 144
Ethyl Benzene	10.0	8.36	83.6	80 - 130
Hexachlorobutadiene	10.0	10.5	105	67 - 146
Isopropylbenzene	10.0	8.13	81.3	76 - 130
Methyl acetate	10.0	7.53	75.3	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	8.54	85.4	76 - 130
Methylcyclohexane	10.0	10.4	104	72 - 130
Methylene chloride	10.0	8.42	84.2	70 - 130
Naphthalene	10.0	8.90	89.0	70 - 147
n-Butylbenzene	10.0	9.77	97.7	79 - 132
n-Propylbenzene	10.0	8.65	86.5	78 - 133
o-Xylene	10.0	9.21	92.1	78 - 130
p- & m- Xylenes	20.0	18.8	94.2	77 - 130
p-Diethylbenzene	10.0	9.08	90.8	84 - 134
p-Ethyltoluene	10.0	8.18	81.8 *	88 - 129
p-Isopropyltoluene	10.0	8.61	86.1	81 - 136
sec-Butylbenzene	10.0	8.09	80.9	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50555	Laboratory ID:	BA50555-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	9.10	91.0	70 - 130
tert-Butyl alcohol (TBA)	50.0	44.1	88.3	25 - 162
tert-Butylbenzene	10.0	9.02	90.2	77 - 138
Tetrachloroethylene	10.0	4.73	47.3 *	82 - 130
Toluene	10.0	8.06	80.6	80 - 127
trans-1,2-Dichloroethylene	10.0	9.48	94.8	80 - 130
trans-1,3-Dichloropropylene	10.0	8.71	87.1	78 - 130
Trichloroethylene	10.0	7.97	79.7 *	82 - 128
Trichlorofluoromethane	10.0	8.52	85.2	67 - 139
Vinyl Chloride	10.0	6.22	62.2 *	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50555
Laboratory ID: BA50555-BSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	8.33	83.3	0.718	30	82 - 126
1,1,1-Trichloroethane	10.0	9.04	90.4	3.80	20	78 - 130
1,1,2,2-Tetrachloroethane	10.0	9.18	91.8	2.87	20	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	10.0	12.2	122	4.63	20	70 - 130
1,1,2-Trichloroethane	10.0	8.40	84.0	0.00	20	82 - 123
1,1-Dichloroethane	10.0	8.70	87.0	1.94	20	82 - 129
1,1-Dichloroethylene	10.0	10.0	100	3.14	20	70 - 130
1,2,3-Trichlorobenzene	10.0	8.90	89.0	2.96	20	76 - 130
1,2,3-Trichloropropane	10.0	7.57	75.7 *	0.796	30	77 - 128
1,2,4-Trichlorobenzene	10.0	8.85	88.5	0.00	20	76 - 130
1,2,4-Trimethylbenzene	10.0	7.56	75.6 *	2.87	20	82 - 132
1,2-Dibromo-3-chloropropane	10.0	8.28	82.8	6.87	20	45 - 147
1,2-Dibromoethane	10.0	8.41	84.1	1.80	20	83 - 124
1,2-Dichlorobenzene	10.0	8.05	80.5	0.989	20	79 - 123
1,2-Dichloroethane	10.0	9.03	90.3	2.69	20	73 - 130
1,2-Dichloropropane	10.0	8.34	83.4	2.25	20	78 - 126
1,3,5-Trimethylbenzene	10.0	7.76	77.6 *	5.51	30	80 - 131
1,3-Dichlorobenzene	10.0	7.85	78.5 *	4.24	20	86 - 122
1,3-Dichloropropane	10.0	8.55	85.5	1.65	30	81 - 125
1,4-Dichlorobenzene	10.0	7.91	79.1 *	2.62	20	85 - 124
1,4-Dioxane	210	181	86.2	18.9	20	40 - 160
2-Butanone	10.0	7.74	77.4	1.69	20	49 - 152
2-Hexanone	10.0	8.01	80.1	14.7	20	51 - 146
4-Methyl-2-pentanone	10.0	8.97	89.7	9.95	20	57 - 145
Acetone	10.0	15.8	158 *	9.21	20	40 - 150
Acrolein	10.0	5.72	57.2	12.6	30	10 - 153
Acrylonitrile	10.0	9.18	91.8	5.48	30	51 - 150
Benzene	10.0	9.14	91.4	2.06	20	85 - 126
Bromochloromethane	10.0	8.85	88.5	2.17	20	77 - 128
Bromodichloromethane	10.0	8.49	84.9	0.587	20	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50555	Laboratory ID:	BA50555-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	8.86	88.6	2.28	20	78 - 130
Bromomethane	10.0	2.84	28.4 *	3.95	20	43 - 160
Carbon disulfide	10.0	9.89	98.9	4.16	20	68 - 146
Carbon tetrachloride	10.0	9.59	95.9	4.29	20	77 - 130
Chlorobenzene	10.0	8.41	84.1 *	2.00	20	88 - 120
Chloroethane	10.0	7.13	71.3	3.85	20	65 - 136
Chloroform	10.0	8.65	86.5	0.231	20	82 - 128
Chloromethane	10.0	3.43	34.3 *	0.878	20	43 - 155
cis-1,2-Dichloroethylene	10.0	9.09	90.9	2.28	20	83 - 129
cis-1,3-Dichloropropylene	10.0	8.55	85.5	1.85	20	80 - 130
Cyclohexane	10.0	10.4	104	4.34	20	70 - 130
Dibromochloromethane	10.0	8.58	85.8	2.00	20	80 - 130
Dibromomethane	10.0	8.06	80.6	2.77	30	72 - 134
Dichlorodifluoromethane	10.0	4.36	43.6 *	3.82	20	44 - 144
Ethyl Benzene	10.0	8.11	81.1	3.04	20	80 - 130
Hexachlorobutadiene	10.0	9.93	99.3	5.39	30	67 - 146
Isopropylbenzene	10.0	7.64	76.4	6.21	20	76 - 130
Methyl acetate	10.0	8.11	81.1	7.42	20	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	9.10	91.0	6.35	20	76 - 130
Methylcyclohexane	10.0	9.81	98.1	6.32	20	72 - 130
Methylene chloride	10.0	8.37	83.7	0.596	20	70 - 130
Naphthalene	10.0	9.45	94.5	5.99	30	70 - 147
n-Butylbenzene	10.0	9.18	91.8	6.23	30	79 - 132
n-Propylbenzene	10.0	8.10	81.0	6.57	30	78 - 133
o-Xylene	10.0	8.92	89.2	3.20	20	78 - 130
p- & m- Xylenes	20.0	18.1	90.7	3.73	20	77 - 130
p-Diethylbenzene	10.0	8.52	85.2	6.36	30	84 - 134
p-Ethyltoluene	10.0	7.69	76.9 *	6.18	30	88 - 129
p-Isopropyltoluene	10.0	8.13	81.3	5.73	30	81 - 136
sec-Butylbenzene	10.0	7.74	77.4 *	4.42	30	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50555	Laboratory ID:	BA50555-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Styrene	10.0	9.03	90.3	0.772	20	70 - 130
tert-Butyl alcohol (TBA)	50.0	50.3	101	13.1	30	25 - 162
tert-Butylbenzene	10.0	8.55	85.5	5.35	30	77 - 138
Tetrachloroethylene	10.0	4.54	45.4 *	4.10	20	82 - 130
Toluene	10.0	7.76	77.6 *	3.79	20	80 - 127
trans-1,2-Dichloroethylene	10.0	9.19	91.9	3.11	20	80 - 130
trans-1,3-Dichloropropylene	10.0	8.55	85.5	1.85	20	78 - 130
Trichloroethylene	10.0	7.61	76.1 *	4.62	20	82 - 128
Trichlorofluoromethane	10.0	8.16	81.6	4.32	20	67 - 139
Vinyl Chloride	10.0	6.04	60.4 *	2.94	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50577	Laboratory ID:	BA50577-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	49.2	98.4	75 - 129
1,1,1-Trichloroethane	50.0	43.3	86.5	71 - 137
1,1,2,2-Tetrachloroethane	50.0	49.0	98.0	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	47.6	95.3	58 - 146
1,1,2-Trichloroethane	50.0	47.0	94.0	83 - 123
1,1-Dichloroethane	50.0	43.6	87.2	75 - 130
1,1-Dichloroethylene	50.0	49.2	98.4	64 - 137
1,2,3-Trichlorobenzene	50.0	46.5	93.1	81 - 140
1,2,3-Trichloropropane	50.0	47.9	95.9	81 - 126
1,2,4-Trichlorobenzene	50.0	45.5	91.0	80 - 141
1,2,4-Trimethylbenzene	50.0	50.1	100	84 - 125
1,2-Dibromo-3-chloropropane	50.0	45.8	91.7	74 - 142
1,2-Dibromoethane	50.0	47.7	95.3	86 - 123
1,2-Dichlorobenzene	50.0	45.8	91.7	85 - 122
1,2-Dichloroethane	50.0	43.1	86.1	71 - 133
1,2-Dichloropropane	50.0	47.6	95.2	81 - 122
1,3,5-Trimethylbenzene	50.0	49.0	97.9	82 - 126
1,3-Dichlorobenzene	50.0	46.3	92.5	84 - 124
1,4-Dichlorobenzene	50.0	45.8	91.6	84 - 124
1,4-Dioxane	1050	927	88.3	10 - 228
2-Butanone	50.0	44.2	88.3	58 - 147
2-Hexanone	50.0	45.2	90.5	70 - 139
4-Methyl-2-pentanone	50.0	48.2	96.3	72 - 132
Acetone	50.0	97.2	194 *	36 - 155
Acrolein	50.0	35.0	70.1	10 - 238
Acrylonitrile	50.0	44.6	89.3	66 - 141
Benzene	50.0	45.0	89.9	77 - 127
Bromochloromethane	50.0	43.6	87.3	74 - 129
Bromodichloromethane	50.0	48.6	97.2	81 - 124
Bromoform	50.0	48.0	96.1	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50577	Laboratory ID:	BA50577-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	50.6	101	2.85	30	75 - 129
1,1,1-Trichloroethane	50.0	45.4	90.8	4.83	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	48.4	96.9	1.11	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	41.6	83.3	13.4	30	58 - 146
1,1,2-Trichloroethane	50.0	47.7	95.5	1.56	30	83 - 123
1,1-Dichloroethane	50.0	45.5	91.0	4.20	30	75 - 130
1,1-Dichloroethylene	50.0	45.1	90.1	8.74	30	64 - 137
1,2,3-Trichlorobenzene	50.0	48.5	97.0	4.15	30	81 - 140
1,2,3-Trichloropropane	50.0	48.6	97.3	1.45	30	81 - 126
1,2,4-Trichlorobenzene	50.0	47.7	95.4	4.74	30	80 - 141
1,2,4-Trimethylbenzene	50.0	51.1	102	2.02	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	46.6	93.3	1.77	30	74 - 142
1,2-Dibromoethane	50.0	49.2	98.3	3.06	30	86 - 123
1,2-Dichlorobenzene	50.0	47.3	94.6	3.13	30	85 - 122
1,2-Dichloroethane	50.0	45.2	90.3	4.72	30	71 - 133
1,2-Dichloropropane	50.0	49.1	98.2	3.10	30	81 - 122
1,3,5-Trimethylbenzene	50.0	49.5	98.9	1.02	30	82 - 126
1,3-Dichlorobenzene	50.0	47.2	94.5	2.08	30	84 - 124
1,4-Dichlorobenzene	50.0	46.9	93.8	2.44	30	84 - 124
1,4-Dioxane	1050	910	86.7	1.89	30	10 - 228
2-Butanone	50.0	43.4	86.7	1.78	30	58 - 147
2-Hexanone	50.0	44.3	88.6	2.12	30	70 - 139
4-Methyl-2-pentanone	50.0	46.4	92.9	3.66	30	72 - 132
Acetone	50.0	81.6	163 *	17.5	30	36 - 155
Acrolein	50.0	29.2	58.4	18.2	30	10 - 238
Acrylonitrile	50.0	45.8	91.5	2.52	30	66 - 141
Benzene	50.0	47.1	94.2	4.67	30	77 - 127
Bromochloromethane	50.0	46.1	92.2	5.53	30	74 - 129
Bromodichloromethane	50.0	50.1	100	3.00	30	81 - 124
Bromoform	50.0	48.7	97.4	1.41	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50577	Laboratory ID:	BA50577-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	40.0	80.0	7.55	30	32 - 177
Carbon disulfide	50.0	40.2	80.4	13.6	30	10 - 136
Carbon tetrachloride	50.0	46.9	93.7	5.39	30	66 - 143
Chlorobenzene	50.0	47.5	95.1	3.27	30	86 - 120
Chloroethane	50.0	39.8	79.6	2.65	30	51 - 142
Chloroform	50.0	46.0	92.0	4.58	30	76 - 131
Chloromethane	50.0	29.3	58.6	4.34	30	49 - 132
cis-1,2-Dichloroethylene	50.0	46.4	92.9	4.67	30	74 - 132
cis-1,3-Dichloropropylene	50.0	49.3	98.6	3.53	30	81 - 129
Cyclohexane	50.0	45.8	91.5	1.88	30	70 - 130
Dibromochloromethane	50.0	50.2	100	2.40	30	10 - 200
Dibromomethane	50.0	46.8	93.5	2.05	30	83 - 124
Dichlorodifluoromethane	50.0	16.7	33.4	15.0	30	28 - 158
Ethyl Benzene	50.0	50.3	101	2.21	30	84 - 125
Hexachlorobutadiene	50.0	43.6	87.3	3.56	30	83 - 133
Isopropylbenzene	50.0	51.3	103	1.51	30	81 - 127
Methyl acetate	50.0	37.1	74.2	40.8 *	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	46.7	93.4	2.14	30	74 - 131
Methylcyclohexane	50.0	45.6	91.2	5.82	30	70 - 130
Methylene chloride	50.0	42.5	85.0	33.0 *	30	57 - 141
n-Butylbenzene	50.0	46.9	93.8	0.0853	30	80 - 130
n-Propylbenzene	50.0	49.6	99.3	1.11	30	74 - 136
o-Xylene	50.0	50.2	100	2.95	30	83 - 123
p- & m- Xylenes	100	97.6	97.6	2.89	30	82 - 128
p-Isopropyltoluene	50.0	50.6	101	0.973	30	85 - 125
sec-Butylbenzene	50.0	49.9	99.7	0.765	30	83 - 125
Styrene	50.0	51.0	102	3.67	30	86 - 126
tert-Butyl alcohol (TBA)	250	233	93.0	1.58	30	70 - 130
tert-Butylbenzene	50.0	50.3	101	0.959	30	80 - 127
Tetrachloroethylene	50.0	42.3	84.5	2.01	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50635	Laboratory ID:	BA50635-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	50.5	101	75 - 129
1,1,1-Trichloroethane	50.0	48.1	96.2	71 - 137
1,1,2,2-Tetrachloroethane	50.0	50.6	101	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	48.3	96.6	58 - 146
1,1,2-Trichloroethane	50.0	51.2	102	83 - 123
1,1-Dichloroethane	50.0	48.4	96.7	75 - 130
1,1-Dichloroethylene	50.0	49.4	98.7	64 - 137
1,2,3-Trichlorobenzene	50.0	51.5	103	81 - 140
1,2,3-Trichloropropane	50.0	51.0	102	81 - 126
1,2,4-Trichlorobenzene	50.0	50.6	101	80 - 141
1,2,4-Trimethylbenzene	50.0	49.3	98.6	84 - 125
1,2-Dibromo-3-chloropropane	50.0	48.3	96.5	74 - 142
1,2-Dibromoethane	50.0	52.4	105	86 - 123
1,2-Dichlorobenzene	50.0	49.5	99.1	85 - 122
1,2-Dichloroethane	50.0	51.8	104	71 - 133
1,2-Dichloropropane	50.0	47.7	95.4	81 - 122
1,3,5-Trimethylbenzene	50.0	47.9	95.7	82 - 126
1,3-Dichlorobenzene	50.0	48.3	96.5	84 - 124
1,4-Dichlorobenzene	50.0	48.6	97.2	84 - 124
1,4-Dioxane	1050	1760	168	10 - 228
2-Butanone	50.0	49.4	98.8	58 - 147
2-Hexanone	50.0	49.6	99.2	70 - 139
4-Methyl-2-pentanone	50.0	50.3	101	72 - 132
Acetone	50.0	129	257 *	36 - 155
Acrolein	50.0	40.1	80.2	10 - 238
Acrylonitrile	50.0	53.9	108	66 - 141
Benzene	50.0	51.5	103	77 - 127
Bromochloromethane	50.0	50.2	100	74 - 129
Bromodichloromethane	50.0	49.4	98.9	81 - 124
Bromoform	50.0	54.6	109	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50635	Laboratory ID:	BA50635-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	50.0	100	0.935	30	75 - 129
1,1,1-Trichloroethane	50.0	48.3	96.7	0.477	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	48.3	96.6	4.73	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	50.0	49.6	99.2	2.64	30	58 - 146
1,1,2-Trichloroethane	50.0	49.7	99.4	2.91	30	83 - 123
1,1-Dichloroethane	50.0	47.8	95.7	1.08	30	75 - 130
1,1-Dichloroethylene	50.0	49.7	99.4	0.666	30	64 - 137
1,2,3-Trichlorobenzene	50.0	51.0	102	0.859	30	81 - 140
1,2,3-Trichloropropane	50.0	48.5	97.1	4.88	30	81 - 126
1,2,4-Trichlorobenzene	50.0	50.6	101	0.119	30	80 - 141
1,2,4-Trimethylbenzene	50.0	49.6	99.2	0.607	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	46.4	92.8	3.91	30	74 - 142
1,2-Dibromoethane	50.0	49.9	99.8	4.94	30	86 - 123
1,2-Dichlorobenzene	50.0	49.6	99.2	0.101	30	85 - 122
1,2-Dichloroethane	50.0	51.0	102	1.63	30	71 - 133
1,2-Dichloropropane	50.0	47.5	95.0	0.462	30	81 - 122
1,3,5-Trimethylbenzene	50.0	48.9	97.8	2.13	30	82 - 126
1,3-Dichlorobenzene	50.0	48.2	96.3	0.249	30	84 - 124
1,4-Dichlorobenzene	50.0	48.7	97.5	0.288	30	84 - 124
1,4-Dioxane	1050	1600	152	9.70	30	10 - 228
2-Butanone	50.0	44.3	88.6	10.9	30	58 - 147
2-Hexanone	50.0	44.6	89.3	10.6	30	70 - 139
4-Methyl-2-pentanone	50.0	46.5	93.0	7.85	30	72 - 132
Acetone	50.0	117	234 *	9.43	30	36 - 155
Acrolein	50.0	37.3	74.5	7.32	30	10 - 238
Acrylonitrile	50.0	51.3	103	5.00	30	66 - 141
Benzene	50.0	51.0	102	0.897	30	77 - 127
Bromochloromethane	50.0	49.6	99.2	1.26	30	74 - 129
Bromodichloromethane	50.0	48.9	97.7	1.16	30	81 - 124
Bromoform	50.0	51.7	103	5.40	30	80 - 136

FORM VIII INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1315
Instrument: VOA#11
Calibration: SL40033

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1315-CCV1)			Lab File ID: V11C023735.D			Analyzed: 01/11/25 10:54			
ISTD: Fluorobenzene	90895	6.445				50 - 200		+/-0.17	
ISTD: Chlorobenzene-d5	357786	9.519				50 - 200		+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	144746	12.531				50 - 200		+/-0.17	
Blank (BA50635-BLK1)			Lab File ID: V11C023737.D			Analyzed: 01/11/25 11:46			
ISTD: Fluorobenzene	93597	6.445	90895	6.445	103	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	370379	9.518	357786	9.519	104	50 - 200	-0.0010	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	144347	12.531	144746	12.531	100	50 - 200	0.0000	+/-0.17	
LCS (BA50635-BS1)			Lab File ID: V11C023738.D			Analyzed: 01/11/25 12:12			
ISTD: Fluorobenzene	94544	6.445	90895	6.445	104	50 - 200	0.0000	+/-0.17	
ISTD: Chlorobenzene-d5	377717	9.518	357786	9.519	106	50 - 200	-0.0010	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	154790	12.53	144746	12.531	107	50 - 200	-0.0010	+/-0.17	
LCS Dup (BA50635-BSD1)			Lab File ID: V11C023739.D			Analyzed: 01/11/25 12:38			
ISTD: Fluorobenzene	95437	6.444	90895	6.445	105	50 - 200	-0.0010	+/-0.17	
ISTD: Chlorobenzene-d5	380876	9.518	357786	9.519	106	50 - 200	-0.0010	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	152379	12.53	144746	12.531	105	50 - 200	-0.0010	+/-0.17	
UIC003 (25A0469-03)			Lab File ID: V11C023744.D			Analyzed: 01/11/25 14:47			
ISTD: Fluorobenzene	79067	6.444	90895	6.445	87	50 - 200	-0.0010	+/-0.17	
ISTD: Chlorobenzene-d5	276147	9.517	357786	9.519	77	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	70946	12.53	144746	12.531	49	50 - 200	-0.0010	+/-0.17	*
UIC004 (25A0469-04)			Lab File ID: V11C023745.D			Analyzed: 01/11/25 15:13			
ISTD: Fluorobenzene	78226	6.444	90895	6.445	86	50 - 200	-0.0010	+/-0.17	
ISTD: Chlorobenzene-d5	272328	9.517	357786	9.519	76	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	78556	12.53	144746	12.531	54	50 - 200	-0.0010	+/-0.17	
UIC006 (25A0469-06)			Lab File ID: V11C023746.D			Analyzed: 01/11/25 15:39			
ISTD: Fluorobenzene	91858	6.443	90895	6.445	101	50 - 200	-0.0020	+/-0.17	
ISTD: Chlorobenzene-d5	366154	9.517	357786	9.519	102	50 - 200	-0.0020	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	137189	12.53	144746	12.531	95	50 - 200	-0.0010	+/-0.17	
Matrix Spike (BA50635-MS1)			Lab File ID: V11C023747.D			Analyzed: 01/11/25 16:05			
ISTD: Fluorobenzene	64815	6.443	90895	6.445	71	50 - 200	-0.0020	+/-0.17	
ISTD: Chlorobenzene-d5	230596	9.518	357786	9.519	64	50 - 200	-0.0010	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	67831	12.53	144746	12.531	47	50 - 200	-0.0010	+/-0.17	*
Matrix Spike Dup (BA50635-MSD1)			Lab File ID: V11C023748.D			Analyzed: 01/11/25 16:31			
ISTD: Fluorobenzene	96752	6.444	90895	6.445	106	50 - 200	-0.0010	+/-0.17	
ISTD: Chlorobenzene-d5	380719	9.518	357786	9.519	106	50 - 200	-0.0010	+/-0.17	
ISTD: 1,2-Dichlorobenzene-d4	147878	12.53	144746	12.531	102	50 - 200	-0.0010	+/-0.17	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50005
Instrument: VOA No. 3
Calibration Date: 01/06/25 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2032082	10.60369	8.297857	0.0271706			20	
1,1,1-Trichloroethane	1.379248	11.4081	4.570286	3.829136E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.6217783	8.230182	9.655428	1.386037E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.8774231	16.81455	2.487429	7.210078E-02		0.9980052	SPCC (0.1)	
1,1,2-Trichloroethane	0.2023381	7.482524	7.225143	0.0302207			SPCC (0.1)	
1,1-Dichloroethane	1.588388	6.084454	3.619	4.592642E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.199118	12.51157	2.518429	0.1144054			SPCC (0.1)	
1,1-Dichloropropylene	1.265111	9.240197	4.716857	2.879732E-02			20	
1,2,3-Trichlorobenzene	0.4954878	11.43892	13.51286	1.331991E-02			20	
1,2,3-Trichloropropane	0.189063	7.427173	9.691	2.900748E-02			20	
1,2,3-Trimethylbenzene	2.698279	6.371923	10.75543	2.394081E-02			20	
1,2,4,5-Tetramethylbenzene	2.336202	15.13034	11.93386	0.0211163		0.9980018	0.99	
1,2,4-Trichlorobenzene	0.552738	14.08678	12.94757	2.037299E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.744125	10.61707	10.27986	2.892869E-02			20	
1,2-Dibromo-3-chloropropane	9.258822E-02	33.47737	12.07157	2.490154E-02		0.9997195	SPCC (0.05)	
1,2-Dibromoethane	0.1799191	10.71072	7.731714	1.819768E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.060901	6.585149	11.14871	1.840344E-02			SPCC (0.4)	
1,2-Dichloroethane	1.065602	4.252807	4.992857	3.041948E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2666855	6.962077	5.765571	2.081002E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.929881	10.21264	9.861285	2.835154E-02			20	
1,3-Dichlorobenzene	1.18848	9.072645	10.62229	2.044504E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3647753	7.118358	7.387429	2.371195E-02			20	
1,4-Dichlorobenzene	1.180609	8.175112	10.72586	0.0193772			SPCC (0.5)	
1,4-Dioxane	1.74679E-03	19.94757	5.910714	8.142083E-02		0.9995425	0.99	
2,2-Dichloropropane	1.160264	21.29075	4.118286	5.463424E-02		0.9990214	0.99	
2-Butanone	7.858135E-02	23.50331	4.191857	6.421729E-02		0.9983407	SPCC (0.1)	
2-Chloroethylvinyl ether	9.887078E-02	14.0641	6.322286	2.743534E-02			20	
2-Chlorotoluene	2.944813	8.755413	9.787429	0.0186032			20	
2-Hexanone	0.1146427	25.51675	7.447571	1.936828E-02		0.9985984	SPCC (0.1)	
2-Nitropropane	0.1053387	18.91715	6.319571	5.676675E-02		0.9995764	0.99	
4-Chlorotoluene	2.670273	8.661864	9.911428	2.608135E-02			20	
4-Methyl-2-pentanone	0.1553848	21.36251	6.606857	3.679788E-02		0.9997799	SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40057
Instrument: MSVOA7
Calibration Date: 12/31/24 13:45

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.3595092	4.888604	9.0925	1.193728E-02			20	
1,1,1-Trichloroethane	2.782822	6.630553	5.32025	3.821092E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4156712	4.824954	10.4445	2.472817E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.393617	15.14479	3.1215	0.111704		0.9984504	SPCC (0.1)	
1,1,2-Trichloroethane	0.2110131	4.628119	7.998125	2.711157E-02			SPCC (0.1)	
1,1-Dichloroethane	3.138615	4.577603	4.329	2.303295E-02			SPCC (0.2)	
1,1-Dichloroethylene	2.152393	8.916812	3.155	2.270706E-02			SPCC (0.1)	
1,1-Dichloropropylene	2.323039	7.519716	5.467	1.810352E-02			20	
1,2,3-Trichlorobenzene	0.6553441	3.893115	14.373	0.0134791			20	
1,2,3-Trichloropropane	0.14347	4.854704	10.49125	1.600708E-02			20	
1,2,3-Trimethylbenzene	3.366941	16.18499	11.57412	2.229945E-02		0.9963304	0.99	
1,2,4,5-Tetramethylbenzene	2.956575	12.08813	12.75425	2.359568E-02			20	
1,2,4-Trichlorobenzene	0.8967094	4.925865	13.801	6.798982E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	3.366941	16.18499	11.57412	2.229945E-02		0.9963304	0.99	
1,2-Dibromo-3-chloropropane	6.174673E-02	9.062058	12.907	8.912747E-03			SPCC (0.05)	
1,2-Dibromoethane	0.1959658	5.14722	8.533	1.159873E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.561999	7.983371	11.98275	8.68553E-03			SPCC (0.4)	
1,2-Dichloroethane	1.620293	3.719653	5.741125	4.289039E-02			SPCC (0.1)	
1,2-Dichloropropane	0.3612718	7.101203	6.531	2.078353E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.488957	16.43237	10.6605	2.633888E-02		0.9961955	0.99	
1,3-Dichlorobenzene	1.952798	7.706972	11.44775	1.520477E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3730435	6.469232	8.168	2.245675E-02			20	
1,4-Dichlorobenzene	1.877653	7.505471	11.55075	3.089911E-02			SPCC (0.5)	
1,4-Dioxane	6.025585E-04	13.26614	6.665	8.439784E-02			20	
2,2-Dichloropropane	2.354606	6.50819	4.852	5.473191E-03			20	
2-Butanone	0.102407	6.354813	4.90325	0.1301617			SPCC (0.1)	
2-Chlorotoluene	3.530126	14.71192	10.60025	0.0126299			20	
2-Hexanone	7.688796E-02	11.78702	8.205625	5.872874E-02			SPCC (0.1)	
4-Chlorotoluene	3.029252	15.09098	10.72375	1.871521E-02		0.9974126	0.99	
4-Methyl-2-pentanone	0.107696	10.93724	7.3605	3.813102E-02			SPCC (0.1)	
Acetone	0.2423298	20.96422	3.267375	0.1486682		0.9945768	SPCC (0.1)	
Acrolein	8.045987E-02	18.88109	3.114375	0.1523548		0.998759	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50005
Laboratory ID: S5A0630-SCV1
Sequence: S5A0630
Standard ID: S24L407

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	50.0	50.7	1.4	30.00
1,1,1-Trichloroethane	50.0	48.3	-3.3	30.00
1,1,2,2-Tetrachloroethane	50.0	49.8	-0.4	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	56.6	13.2	30.00
1,1,2-Trichloroethane	50.0	48.1	-3.8	30.00
1,1-Dichloroethane	50.0	48.5	-3.1	30.00
1,1-Dichloroethylene	50.0	52.6	5.2	30.00
1,2,3-Trichlorobenzene	50.0	49.7	-0.6	30.00
1,2,3-Trichloropropane	50.0	47.8	-4.5	30.00
1,2,4-Trichlorobenzene	50.0	48.9	-2.1	30.00
1,2,4-Trimethylbenzene	50.0	50.9	1.9	30.00
1,2-Dibromo-3-chloropropane	50.0	44.5	-11.0	30.00
1,2-Dibromoethane	50.0	49.5	-1.0	30.00
1,2-Dichlorobenzene	50.0	47.3	-5.3	30.00
1,2-Dichloroethane	50.0	48.4	-3.2	30.00
1,2-Dichloropropane	50.0	49.0	-2.0	30.00
1,3,5-Trimethylbenzene	50.0	49.5	-0.9	30.00
1,3-Dichlorobenzene	50.0	47.7	-4.6	30.00
1,4-Dichlorobenzene	50.0	47.5	-5.1	30.00
1,4-Dioxane	1050	911	-13.3	30.00
2-Butanone	50.0	46.1	-7.9	30.00
2-Hexanone	50.0	42.4	-15.1	30.00
4-Methyl-2-pentanone	50.0	46.1	-7.8	30.00
Acetone	50.0	80.8	61.7 *	30.00
Acrolein	50.0	34.1	-31.8 *	30.00
Acrylonitrile	50.0	49.3	-1.4	30.00
Benzene	50.0	50.3	0.6	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40033
Laboratory ID: S4L1630-SCV1
Sequence: S4L1630
Standard ID: S24L138

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	50.0	51.7	3.5	30.00
1,1,1-Trichloroethane	50.0	48.9	-2.3	30.00
1,1,2,2-Tetrachloroethane	50.0	55.0	9.9	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	48.8	-2.4	30.00
1,1,2-Trichloroethane	50.0	51.6	3.2	30.00
1,1-Dichloroethane	50.0	47.9	-4.2	30.00
1,1-Dichloroethylene	50.0	50.1	0.3	30.00
1,2,3-Trichlorobenzene	50.0	51.3	2.7	30.00
1,2,3-Trichloropropane	50.0	53.7	7.4	30.00
1,2,4-Trichlorobenzene	50.0	50.7	1.5	30.00
1,2,4-Trimethylbenzene	50.0	52.3	4.6	30.00
1,2-Dibromo-3-chloropropane	50.0	54.9	9.8	30.00
1,2-Dibromoethane	50.0	54.0	8.0	30.00
1,2-Dichlorobenzene	50.0	51.0	2.1	30.00
1,2-Dichloroethane	50.0	50.2	0.4	30.00
1,2-Dichloropropane	50.0	51.2	2.3	30.00
1,3,5-Trimethylbenzene	50.0	52.2	4.3	30.00
1,3-Dichlorobenzene	50.0	49.6	-0.9	30.00
1,4-Dichlorobenzene	50.0	49.9	-0.2	30.00
1,4-Dioxane	1050	1840	75.7 *	30.00
2-Butanone	50.0	44.6	-10.8	30.00
2-Hexanone	50.0	50.6	1.3	30.00
4-Methyl-2-pentanone	50.0	53.4	6.8	30.00
Acetone	50.0	36.8	-26.5	30.00
Acrolein	50.0	16.9	-66.2 *	30.00
Acrylonitrile	50.0	53.3	6.5	30.00
Benzene	50.0	50.7	1.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40057
Laboratory ID: S4L3127-SCV1
Sequence: S4L3127
Standard ID: S24L408

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	11.4	14.5	30.00
1,1,1-Trichloroethane	10.0	10.6	6.4	30.00
1,1,2,2-Tetrachloroethane	10.0	10.8	7.8	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.8	8.3	30.00
1,1,2-Trichloroethane	10.0	11.3	13.0	30.00
1,1-Dichloroethane	10.0	10.4	4.3	30.00
1,1-Dichloroethylene	10.0	10.2	2.5	30.00
1,2,3-Trichlorobenzene	10.0	11.2	12.4	30.00
1,2,3-Trichloropropane	10.0	11.2	12.5	30.00
1,2,4-Trichlorobenzene	10.0	11.2	11.7	30.00
1,2,4-Trimethylbenzene	10.0	9.57	-4.3	30.00
1,2-Dibromo-3-chloropropane	10.0	10.7	7.1	30.00
1,2-Dibromoethane	10.0	11.6	15.5	30.00
1,2-Dichlorobenzene	10.0	11.2	11.7	30.00
1,2-Dichloroethane	10.0	11.2	12.1	30.00
1,2-Dichloropropane	10.0	11.2	11.8	30.00
1,3,5-Trimethylbenzene	10.0	11.2	12.1	30.00
1,3-Dichlorobenzene	10.0	11.1	11.4	30.00
1,3-Dichloropropane	10.0	11.2	12.5	30.00
1,4-Dichlorobenzene	10.0	11.0	10.3	30.00
1,4-Dioxane	210	231	9.9	30.00
2-Butanone	10.0	10.3	3.4	30.00
2-Hexanone	10.0	11.5	15.4	30.00
4-Methyl-2-pentanone	10.0	12.2	22.1	30.00
Acetone	10.0	8.62	-13.8	30.00
Acrolein	10.0	1.75	-82.5 *	30.00
Acrylonitrile	10.0	11.0	10.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40057
Laboratory ID: S4L3127-SCV1
Sequence: S4L3127
Standard ID: S24L408

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
o-Xylene	10.0	11.9	18.8	30.00
p- & m- Xylenes	20.0	24.1	20.6	30.00
p-Diethylbenzene	10.0	9.95	-0.5	30.00
p-Ethyltoluene	10.0	9.34	-6.6	30.00
p-Isopropyltoluene	10.0	10.8	8.4	30.00
sec-Butylbenzene	10.0	11.0	10.4	30.00
Styrene	10.0	12.1	21.3	30.00
tert-Butyl alcohol (TBA)	50.0	50.8	1.7	30.00
tert-Butylbenzene	10.0	11.7	16.8	30.00
Tetrachloroethylene	10.0	5.57	-44.3 *	30.00
Toluene	10.0	10.5	5.3	30.00
trans-1,2-Dichloroethylene	10.0	10.5	4.6	30.00
trans-1,3-Dichloropropylene	10.0	11.3	12.6	30.00
Trichloroethylene	10.0	11.6	15.9	30.00
Trichlorofluoromethane	10.0	10.7	6.6	30.00
Vinyl Chloride	10.0	10.2	2.3	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSVOA7	Calibration:	SL40057
Lab File ID:	V752014.D	Calibration Date:	12/31/24 13:45
Sequence:	S5A1011	Injection Date:	01/10/25
Lab Sample ID:	S5A1011-CCV1	Injection Time:	07:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.71	0.3595092	0.3489413		-2.9	20	
1,1,1-Trichloroethane	A	10.0	10.9	2.782822	3.028531	0.1	8.8	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.4	0.4156712	0.4313977	0.3	3.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	12.6	1.393617	1.500247	0.1	26.4	20	*
1,1,2-Trichloroethane	A	10.0	9.64	0.2110131	0.2033888	0.1	-3.6	20	
1,1-Dichloroethane	A	10.0	10.6	3.138615	3.338481	0.2	6.4	20	
1,1-Dichloroethylene	A	10.0	11.0	2.152393	2.356413	0.1	9.5	20	
1,2,3-Trichlorobenzene	A	10.0	10.0	0.6553441	0.6582023		0.4	20	
1,2,3-Trichloropropane	A	10.0	8.71	0.14347	0.124981		-12.9	20	
1,2,4-Trichlorobenzene	A	10.0	10.0	0.8967094	0.9003615	0.2	0.4	20	
1,2,4-Trimethylbenzene	A	10.0	8.51	3.366941	3.145727		-14.9	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.58	6.174673E-02	5.912332E-02	0.05	-4.2	20	
1,2-Dibromoethane	A	10.0	9.80	0.1959658	0.1921272	0.1	-2.0	20	
1,2-Dichlorobenzene	A	10.0	9.28	1.561999	1.450239	0.4	-7.2	20	
1,2-Dichloroethane	A	10.0	10.6	1.620293	1.715459	0.1	5.9	20	
1,2-Dichloropropane	A	10.0	9.62	0.3612718	0.3474671	0.1	-3.8	20	
1,3,5-Trimethylbenzene	A	10.0	8.90	3.488957	3.40729		-11.0	20	
1,3-Dichlorobenzene	A	10.0	9.20	1.952798	1.797273	0.6	-8.0	20	
1,3-Dichloropropane	A	10.0	9.89	0.3730435	0.3688905		-1.1	20	
1,4-Dichlorobenzene	A	10.0	9.22	1.877653	1.730967	0.5	-7.8	20	
1,4-Dioxane	A	200	235	6.025585E-04	7.068683E-04		17.3	20	
2-Butanone	A	10.0	11.6	0.102407	0.1193094	0.1	16.5	20	
2-Hexanone	A	10.0	12.8	7.688796E-02	9.866269E-02	0.1	28.3	20	*
4-Methyl-2-pentanone	A	10.0	10.8	0.107696	0.1164764	0.1	8.2	20	
Acetone	A	10.0	14.8	0.2423298	0.3267239	0.1	48.3	20	*
Acrolein	A	10.0	11.4	8.045987E-02	0.1010298		14.1	20	
Acrylonitrile	A	10.0	10.5	0.1783146	0.1868193		4.8	20	
Benzene	A	10.0	10.7	6.790713	7.276915	0.5	7.2	20	
Bromochloromethane	A	10.0	10.4	1.051609	1.091891		3.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSVOA7	Calibration:	SL40057
Lab File ID:	V752014.D	Calibration Date:	12/31/24 13:45
Sequence:	S5A1011	Injection Date:	01/10/25
Lab Sample ID:	S5A1011-CCV1	Injection Time:	07:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	9.72	0.4627251	0.4497953	0.2	-2.8	20	
Bromoform	A	10.0	10.2	0.1221126	0.1249568	0.1	2.3	20	
Bromomethane	A	10.0	3.13	0.6805484	0.2365757	0.1	-68.7	20	*
Carbon disulfide	A	10.0	10.6	4.161353	4.4231	0.1	6.3	20	
Carbon tetrachloride	A	10.0	11.0	2.310924	2.531215	0.1	9.5	20	
Chlorobenzene	A	10.0	9.82	1.073411	1.054531	0.5	-1.8	20	
Chloroethane	A	10.0	8.78	1.733673	1.521464	0.1	-12.2	20	
Chloroform	A	10.0	10.3	3.176255	3.276648	0.2	3.2	20	
Chloromethane	A	10.0	4.51	1.423092	0.6419766	0.1	-54.9	20	*
cis-1,2-Dichloroethylene	A	10.0	10.8	2.684078	2.912388	0.1	8.5	20	
cis-1,3-Dichloropropylene	A	10.0	10.3	0.5195378	0.5327948	0.2	2.6	20	
Cyclohexane	A	10.0	10.9	2.473021	2.688292	0.1	8.7	20	
Dibromochloromethane	A	10.0	9.96	0.2616258	0.2604908	0.1	-0.4	20	
Dibromomethane	A	10.0	9.48	0.1608946	0.1525861		-5.2	20	
Dichlorodifluoromethane	A	10.0	6.01	1.173902	0.5382096	0.1	-39.9	20	*
Ethyl Benzene	A	10.0	9.29	1.778024	1.904947	0.1	-7.1	20	
Hexachlorobutadiene	A	10.0	11.0	0.4846902	0.5316091		9.7	20	
Isopropylbenzene	A	10.0	8.71	4.219131	4.162737	0.1	-12.9	20	
Methyl acetate	A	10.0	11.0	0.379132	0.4166388	0.1	9.9	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.6	2.602435	2.770923	0.1	6.5	20	
Methylcyclohexane	A	10.0	10.6	0.6100475	0.6462616	0.1	5.9	20	
Methylene chloride	A	10.0	9.91	1.935589	1.918827	0.1	-0.9	20	
Naphthalene	A	10.0	10.5	1.124276	1.180414		5.0	20	
n-Butylbenzene	A	10.0	10.4	3.972558	4.136597		4.1	20	
n-Propylbenzene	A	10.0	9.32	4.99036	4.992387		-6.8	20	
o-Xylene	A	10.0	10.4	1.41549	1.479713	0.3	4.5	20	
p- & m- Xylenes	A	20.0	21.5	1.315845	1.4844	0.1	7.7	20	
p-Diethylbenzene	A	10.0	9.89	2.197989	2.173233		-1.1	20	
p-Ethyltoluene	A	10.0	8.63	4.323476	4.098471		-13.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSVOA7	Calibration:	SL40057
Lab File ID:	V752014.D	Calibration Date:	12/31/24 13:45
Sequence:	S5A1011	Injection Date:	01/10/25
Lab Sample ID:	S5A1011-CCV1	Injection Time:	07:48

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
p-Isopropyltoluene	A	10.0	9.06	3.643702	3.758803		-9.4	20	
sec-Butylbenzene	A	10.0	8.73	3.421552	3.346664		-12.7	20	
Styrene	A	10.0	10.4	1.055261	1.091856	0.3	3.5	20	
tert-Butyl alcohol (TBA)	A	50.0	58.6	4.613416E-02	5.404636E-02		17.2	20	
tert-Butylbenzene	A	10.0	9.77	3.080855	3.010895		-2.3	20	
Tetrachloroethylene	A	10.0	5.51	0.8561489	0.4717313	0.2	-44.9	20	*
Toluene	A	10.0	9.05	1.6902	1.721535	0.4	-9.5	20	
trans-1,2-Dichloroethylene	A	10.0	10.8	2.350949	2.53345	0.1	7.8	20	
trans-1,3-Dichloropropylene	A	10.0	10.3	0.5195378	0.5327948	0.1	2.6	20	
Trichloroethylene	A	10.0	8.80	0.4792213	0.4217644	0.2	-12.0	20	
Trichlorofluoromethane	A	10.0	9.39	3.611567	3.39154	0.1	-6.1	20	
Vinyl Chloride	A	10.0	7.75	2.007405	1.555924	0.1	-22.5	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 3	Calibration:	SA50005
Lab File ID:	V3189003.D	Calibration Date:	01/06/25 00:40
Sequence:	S5A1208	Injection Date:	01/10/25
Lab Sample ID:	S5A1208-CCV1	Injection Time:	18:08

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	50.0	52.8	0.2032082	0.2145825		5.6	20
1,1,1-Trichloroethane	A	50.0	52.0	1.379248	1.439051	0.1	4.3	20
1,1,2,2-Tetrachloroethane	A	50.0	53.5	0.6217783	0.6652479	0.3	7.0	20
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	A	50.0	47.5	0.8774231	0.8352848	0.1	-5.0	20
1,1,2-Trichloroethane	A	50.0	51.1	0.2023381	0.2068672	0.1	2.2	20
1,1-Dichloroethane	A	50.0	51.0	1.588388	1.623116	0.2	2.2	20
1,1-Dichloroethylene	A	50.0	48.5	1.199118	1.166197	0.1	-2.7	20
1,2,3-Trichlorobenzene	A	50.0	49.2	0.4954878	0.4878137		-1.5	20
1,2,3-Trichloropropane	A	50.0	52.2	0.189063	0.1971883		4.3	20
1,2,4-Trichlorobenzene	A	50.0	48.9	0.552738	0.5408241	0.2	-2.2	20
1,2,4-Trimethylbenzene	A	50.0	54.9	2.744125	3.013952		9.8	20
1,2-Dibromo-3-chloropropane	A	50.0	51.5	9.258822E-02	0.0954063	0.05	3.0	20
1,2-Dibromoethane	A	50.0	51.9	0.1799191	0.1868293	0.1	3.8	20
1,2-Dichlorobenzene	A	50.0	50.8	1.060901	1.077374	0.4	1.6	20
1,2-Dichloroethane	A	50.0	46.6	1.065602	0.9952714	0.1	-6.6	20
1,2-Dichloropropane	A	50.0	52.7	0.2666855	0.2812375	0.1	5.5	20
1,3,5-Trimethylbenzene	A	50.0	54.9	2.929881	3.218311		9.8	20
1,3-Dichlorobenzene	A	50.0	52.1	1.18848	1.238719	0.6	4.2	20
1,4-Dichlorobenzene	A	50.0	51.6	1.180609	1.217207	0.5	3.1	20
1,4-Dioxane	A	1000	1090	1.74679E-03	1.90443E-03		9.0	20
2-Butanone	A	50.0	56.2	7.858135E-02	8.858853E-02	0.1	12.5	20
2-Hexanone	A	50.0	58.9	0.1146427	0.1349838	0.1	17.7	20
4-Methyl-2-pentanone	A	50.0	53.1	0.1553848	0.164949	0.1	6.2	20
Acetone	A	50.0	57.4	0.2293915	0.2640499	0.1	14.9	20
Acrolein	A	50.0	41.4	8.620123E-02	7.148178E-02		-17.3	20
Acrylonitrile	A	50.0	48.5	0.2055414	0.1997489		-2.8	20
Benzene	A	50.0	50.2	3.544436	3.568732	0.5	0.7	20
Bromochloromethane	A	50.0	48.4	0.6031087	0.5855798		-2.9	20
Bromodichloromethane	A	50.0	53.0	0.3402794	0.3610166	0.2	6.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 3	Calibration:	SA50005
Lab File ID:	V3189003.D	Calibration Date:	01/06/25 00:40
Sequence:	S5A1208	Injection Date:	01/10/25
Lab Sample ID:	S5A1208-CCV1	Injection Time:	18:08

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	50.0	8.000384E-02	8.002153E-02	0.1	0.02	20	
Bromomethane	A	50.0	39.3	0.4818482	0.3794367	0.1	-21.3	20	*
Carbon disulfide	A	50.0	40.3	2.201107	1.777947	0.1	-19.4	20	
Carbon tetrachloride	A	50.0	53.0	1.103055	1.171938	0.1	6.2	20	
Chlorobenzene	A	50.0	51.7	0.6943571	0.7184904	0.5	3.5	20	
Chloroethane	A	50.0	42.1	0.4432277	0.3740553	0.1	-15.6	20	
Chloroform	A	50.0	49.3	1.631132	1.613115	0.2	-1.1	20	
Chloromethane	A	50.0	29.7	0.6585882	0.3919404	0.1	-40.5	20	*
cis-1,2-Dichloroethylene	A	50.0	50.1	1.394978	1.402	0.1	0.5	20	
cis-1,3-Dichloropropylene	A	50.0	53.5	0.4051977	0.4336067	0.2	7.0	20	
Cyclohexane	A	50.0	54.3	1.549447	1.687342	0.1	8.9	20	
Dibromochloromethane	A	50.0	52.3	0.1832617	0.1915549	0.1	4.5	20	
Dibromomethane	A	50.0	51.8	0.137655	0.1424951		3.5	20	
Dichlorodifluoromethane	A	50.0	18.2	0.674895	0.2245889	0.1	-66.7	20	*
Ethyl Benzene	A	50.0	55.3	1.301476	1.439598	0.1	10.6	20	
Hexachlorobutadiene	A	50.0	53.8	0.3642344	0.3922573		7.7	20	
Isopropylbenzene	A	50.0	58.1	3.494266	4.059395	0.1	16.2	20	
Methyl acetate	A	50.0	46.9	0.4477097	0.4210068	0.1	-6.0	20	
Methyl tert-butyl ether (MTBE)	A	50.0	47.1	1.651465	1.558698	0.1	-5.6	20	
Methylcyclohexane	A	50.0	58.1	0.5715803	0.6642674	0.1	16.2	20	
Methylene chloride	A	50.0	45.1	1.066875	0.9648994	0.1	-9.6	20	
n-Butylbenzene	A	50.0	54.7	3.58187	3.918361		9.4	20	
n-Propylbenzene	A	50.0	57.1	4.295609	4.904947		14.2	20	
o-Xylene	A	50.0	54.8	1.025707	1.124994	0.3	9.7	20	
p- & m- Xylenes	A	100	109	1.037307	1.133823	0.1	9.3	20	
p-Isopropyltoluene	A	50.0	56.2	2.841867	3.196553		12.5	20	
sec-Butylbenzene	A	50.0	57.5	3.70365	4.257404		15.0	20	
Styrene	A	50.0	53.2	0.7210678	0.7670475	0.3	6.4	20	
tert-Butyl alcohol (TBA)	A	250	252	3.697452E-02	3.543876E-02		0.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 3	Calibration:	SA50005
Lab File ID:	V3189003.D	Calibration Date:	01/06/25 00:40
Sequence:	S5A1208	Injection Date:	01/10/25
Lab Sample ID:	S5A1208-CCV1	Injection Time:	18:08

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	57.9	2.374541	2.75011		15.8	20	
Tetrachloroethylene	A	50.0	57.2	0.2645414	0.3025115	0.2	14.4	20	
Toluene	A	50.0	53.8	1.236322	1.33025	0.4	7.6	20	
trans-1,2-Dichloroethylene	A	50.0	51.5	1.300161	1.341742	0.1	3.2	20	
trans-1,3-Dichloropropylene	A	50.0	52.9	0.3212153	0.3396775	0.1	5.7	20	
Trichloroethylene	A	50.0	54.9	0.2976325	0.3266126	0.2	9.7	20	
Trichlorofluoromethane	A	50.0	50.8	1.455365	1.482923	0.1	1.9	20	
Vinyl Chloride	A	50.0	33.6	0.5837904	0.3926769	0.1	-32.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SL40033
Lab File ID:	V11C023735.D	Calibration Date:	12/14/24 00:03
Sequence:	S5A1315	Injection Date:	01/11/25
Lab Sample ID:	S5A1315-CCV1	Injection Time:	10:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	50.0	52.7	0.2986207	0.314744		5.4	20	
1,1,1-Trichloroethane	A	50.0	52.1	1.871823	1.951791	0.1	4.3	20	
1,1,2,2-Tetrachloroethane	A	50.0	50.7	0.7563201	0.7666464	0.3	1.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	50.0	51.0	1.174957	1.197558	0.1	1.9	20	
1,1,2-Trichloroethane	A	50.0	52.5	0.2506638	0.2631014	0.1	5.0	20	
1,1-Dichloroethane	A	50.0	51.4	2.240581	2.300853	0.2	2.7	20	
1,1-Dichloroethylene	A	50.0	48.5	1.643217	1.593223	0.1	-3.0	20	
1,2,3-Trichlorobenzene	A	50.0	54.2	0.7345663	0.7959322		8.4	20	
1,2,3-Trichloropropane	A	50.0	50.7	0.2245249	0.2275434		1.3	20	
1,2,4-Trichlorobenzene	A	50.0	55.0	0.8055107	0.8863526	0.2	10.0	20	
1,2,4-Trimethylbenzene	A	50.0	51.4	3.00339	3.089011		2.9	20	
1,2-Dibromo-3-chloropropane	A	50.0	49.2	0.114039	0.112314	0.05	-1.5	20	
1,2-Dibromoethane	A	50.0	52.5	0.2368418	0.2488387	0.1	5.1	20	
1,2-Dichlorobenzene	A	50.0	52.3	1.423282	1.48983	0.4	4.7	20	
1,2-Dichloroethane	A	50.0	52.7	1.378257	1.451884	0.1	5.3	20	
1,2-Dichloropropane	A	50.0	49.8	0.3396076	0.3385851	0.1	-0.3	20	
1,3,5-Trimethylbenzene	A	50.0	51.3	3.061434	3.143133		2.7	20	
1,3-Dichlorobenzene	A	50.0	52.9	1.636945	1.730701	0.6	5.7	20	
1,4-Dichlorobenzene	A	50.0	53.0	1.585044	1.679687	0.5	6.0	20	
1,4-Dioxane	A	1000	1750	1.269433E-03	2.436512E-03		74.8	20	*
2-Butanone	A	50.0	63.0	0.1275761	0.1831124	0.1	26.0	20	*
2-Hexanone	A	50.0	62.6	0.1741762	0.2180717	0.1	25.2	20	*
4-Methyl-2-pentanone	A	50.0	51.3	0.2320686	0.2381815	0.1	2.6	20	
Acetone	A	50.0	76.5	0.3921807	0.599758	0.1	52.9	20	*
Acrolein	A	50.0	55.9	0.1231945	0.1839045		11.8	20	
Acrylonitrile	A	50.0	52.4	0.3373279	0.3532428		4.7	20	
Benzene	A	50.0	53.0	5.171692	5.476781	0.5	5.9	20	
Bromochloromethane	A	50.0	52.1	0.9244167	0.9635624		4.2	20	
Bromodichloromethane	A	50.0	51.5	0.4073515	0.4195804	0.2	3.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA#11	Calibration:	SL40033
Lab File ID:	V11C023735.D	Calibration Date:	12/14/24 00:03
Sequence:	S5A1315	Injection Date:	01/11/25
Lab Sample ID:	S5A1315-CCV1	Injection Time:	10:54

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	54.7	0.1492475	0.1634077	0.1	9.5	20	
Bromomethane	A	50.0	45.8	0.9414026	0.8619836	0.1	-8.4	20	
Carbon disulfide	A	50.0	48.9	3.351634	3.276484	0.1	-2.2	20	
Carbon tetrachloride	A	50.0	52.4	1.651912	1.730183	0.1	4.7	20	
Chlorobenzene	A	50.0	52.6	0.9245126	0.9727211	0.5	5.2	20	
Chloroethane	A	50.0	43.6	0.9502212	0.8285164	0.1	-12.8	20	
Chloroform	A	50.0	53.5	2.092853	2.241036	0.2	7.1	20	
Chloromethane	A	50.0	31.6	1.167706	0.7368062	0.1	-36.9	20	*
cis-1,2-Dichloroethylene	A	50.0	52.0	1.951436	2.031454	0.1	4.1	20	
cis-1,3-Dichloropropylene	A	50.0	51.9	0.5285516	0.5486883	0.2	3.8	20	
Cyclohexane	A	50.0	55.5	2.121553	2.356554	0.1	11.1	20	
Dibromochloromethane	A	50.0	52.9	0.2697798	0.2855869	0.1	5.9	20	
Dibromomethane	A	50.0	51.4	0.172082	0.1768515		2.8	20	
Dichlorodifluoromethane	A	50.0	20.6	0.7069116	0.2910721	0.1	-58.8	20	*
Ethyl Benzene	A	50.0	52.1	1.644284	1.714086	0.1	4.2	20	
Hexachlorobutadiene	A	50.0	52.9	0.4943054	0.5225498		5.7	20	
Isopropylbenzene	A	50.0	51.0	3.961221	4.040816	0.1	2.0	20	
Methyl acetate	A	50.0	50.9	0.6875601	0.7002035	0.1	1.8	20	
Methyl tert-butyl ether (MTBE)	A	50.0	52.7	2.804178	2.953925	0.1	5.3	20	
Methylcyclohexane	A	50.0	49.4	0.6915893	0.6832464	0.1	-1.2	20	
Methylene chloride	A	50.0	49.9	1.526792	1.426404	0.1	-0.2	20	
n-Butylbenzene	A	50.0	51.9	3.925448	4.07605		3.8	20	
n-Propylbenzene	A	50.0	51.4	4.916665	5.054723		2.8	20	
o-Xylene	A	50.0	52.6	1.227748	1.291658	0.3	5.2	20	
p- & m- Xylenes	A	100	105	1.256709	1.325412	0.1	5.5	20	
p-Isopropyltoluene	A	50.0	52.0	3.437322	3.576741		4.1	20	
sec-Butylbenzene	A	50.0	51.1	4.293551	4.386263		2.2	20	
Styrene	A	50.0	54.6	0.9415154	1.028643	0.3	9.3	20	
tert-Butyl alcohol (TBA)	A	250	242	9.701227E-02	9.378074E-02		-3.3	20	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1441
Instrument: BNA #7
Calibration: SL40036

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Equipment Blank 010825 (25A0469-13)			Lab File ID: E70357995.D		Analyzed: 01/14/25 16:11			
SURR: 2-Fluorophenol	50.0	23.9	19.7 - 63.1	3.684	3.715875	-0.0319	+/-1.00	
SURR: Phenol-d6	50.0	18.9	10.1 - 41.7	4.464	4.483	-0.0190	+/-1.00	
SURR: Nitrobenzene-d5	25.0	51.4	50.2 - 113	5.18	5.214125	-0.0341	+/-1.00	
SURR: 2-Fluorobiphenyl	25.0	38.7	39.9 - 105	6.657	6.699625	-0.0426	+/-1.00	*
SURR: 2,4,6-Tribromophenol	50.0	35.5	39.3 - 151	8.374	8.418125	-0.0441	+/-1.00	*
SURR: Terphenyl-d14	25.0	53.3	30.7 - 106	11.841	11.89162	-0.0506	+/-1.00	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50677	Laboratory ID:	BA50677-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	13.9	55.6	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	8.34	33.4	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	29.9	120	30 - 130
2,4,5-Trichlorophenol	25.0	19.2	76.6	32 - 114
2,4,6-Trichlorophenol	25.0	17.5	69.9	35 - 118
2,4-Dichlorophenol	25.0	15.5	62.0	25 - 116
2,4-Dimethylphenol	25.0	17.1	68.4	15 - 116
2,4-Dinitrophenol	25.0	28.3	113	10 - 170
2,4-Dinitrotoluene	25.0	20.7	82.8	41 - 128
2,6-Dinitrotoluene	25.0	20.0	79.9	45 - 116
2-Chloronaphthalene	25.0	11.8	47.4	33 - 112
2-Chlorophenol	25.0	15.1	60.3	15 - 120
2-Methylnaphthalene	25.0	9.58	38.3	24 - 118
2-Methylphenol	25.0	15.1	60.3	10 - 110
2-Nitroaniline	25.0	20.2	80.8	34 - 129
2-Nitrophenol	25.0	16.0	64.0	28 - 118
3- & 4-Methylphenols	25.0	11.6	46.4	10 - 107
3,3-Dichlorobenzidine	25.0	13.3	53.3	15 - 187
3-Nitroaniline	25.0	18.4	73.7	24 - 134
4,6-Dinitro-2-methylphenol	25.0	32.0	128	10 - 153
4-Bromophenyl phenyl ether	25.0	17.4	69.6	34 - 120
4-Chloro-3-methylphenol	25.0	19.1	76.4	20 - 120
4-Chloroaniline	25.0	11.0	44.1	10 - 147
4-Chlorophenyl phenyl ether	25.0	16.0	64.2	27 - 121
4-Nitroaniline	25.0	22.9	91.4	13 - 134
4-Nitrophenol	25.0	ND	*	10 - 131
Acetophenone	25.0	13.3	53.2	25 - 110
Benzaldehyde	25.0	11.9	47.6	29 - 117
Benzyl butyl phthalate	25.0	20.8	83.1	29 - 133
Bis(2-chloroethoxy)methane	25.0	15.3	61.2	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50677	Laboratory ID:	BA50677-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	14.0	56.0	0.645	20	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	8.85	35.4	5.93	20	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	27.9	112	6.99	20	30 - 130
2,4,5-Trichlorophenol	25.0	18.4	73.5	4.16	20	32 - 114
2,4,6-Trichlorophenol	25.0	16.3	65.3	6.75	20	35 - 118
2,4-Dichlorophenol	25.0	14.5	58.1	6.46	20	25 - 116
2,4-Dimethylphenol	25.0	16.4	65.4	4.48	20	15 - 116
2,4-Dinitrophenol	25.0	28.2	113	0.283	20	10 - 170
2,4-Dinitrotoluene	25.0	20.2	81.0	2.20	20	41 - 128
2,6-Dinitrotoluene	25.0	18.8	75.4	5.87	20	45 - 116
2-Chloronaphthalene	25.0	11.9	47.5	0.169	20	33 - 112
2-Chlorophenol	25.0	14.0	55.8	7.65	20	15 - 120
2-Methylnaphthalene	25.0	9.90	39.6	3.29	20	24 - 118
2-Methylphenol	25.0	13.8	55.3	8.72	20	10 - 110
2-Nitroaniline	25.0	19.0	76.1	6.01	20	34 - 129
2-Nitrophenol	25.0	15.2	60.7	5.20	20	28 - 118
3- & 4-Methylphenols	25.0	10.5	41.9	10.2	20	10 - 107
3,3-Dichlorobenzidine	25.0	11.2	44.7	17.6	20	15 - 187
3-Nitroaniline	25.0	16.7	66.8	9.85	20	24 - 134
4,6-Dinitro-2-methylphenol	25.0	22.7	90.7	33.9 *	20	10 - 153
4-Bromophenyl phenyl ether	25.0	12.2	48.8	35.1 *	20	34 - 120
4-Chloro-3-methylphenol	25.0	17.9	71.6	6.43	20	20 - 120
4-Chloroaniline	25.0	9.95	39.8	10.3	20	10 - 147
4-Chlorophenyl phenyl ether	25.0	14.2	56.9	12.0	20	27 - 121
4-Nitroaniline	25.0	17.0	68.2	29.1 *	20	13 - 134
4-Nitrophenol	25.0	ND	*		20	10 - 131
Acetophenone	25.0	12.2	49.0	8.30	20	25 - 110
Benzaldehyde	25.0	11.3	45.4	4.82	20	29 - 117
Benzyl butyl phthalate	25.0	23.2	92.8	11.0	20	29 - 133
Bis(2-chloroethoxy)methane	25.0	14.2	56.6	7.74	20	10 - 154

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50677	Laboratory ID:	BA50677-BSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-chloroethyl)ether	25.0	14.0	55.8	8.05	20	17 - 125
Bis(2-chloroisopropyl)ether	25.0	13.2	52.9	6.80	20	10 - 139
Caprolactam	25.0	3.21	12.8	7.50	20	10 - 137
Carbazole	25.0	19.9	79.7	2.82	20	42 - 126
Dibenzofuran	25.0	13.9	55.6	3.25	20	36 - 113
Diethyl phthalate	25.0	18.7	74.8	5.31	20	38 - 115
Dimethyl phthalate	25.0	17.5	70.1	2.14	20	38 - 129
Di-n-butyl phthalate	25.0	21.1	84.3	2.16	20	31 - 120
Di-n-octyl phthalate	25.0	21.6	86.4	2.63	20	21 - 149
Hexachlorocyclopentadiene	25.0	8.35	33.4	17.9	20	10 - 130
Isophorone	25.0	16.3	65.1	3.74	20	25 - 127
N-nitroso-di-n-propylamine	25.0	21.0	83.8	2.50	20	26 - 122
N-Nitrosodiphenylamine	25.0	17.7	70.9	22.6 *	20	23 - 149
Phenol	25.0	5.73	22.9	9.48	20	10 - 110
Pyridine	35.0	5.45	15.6	40.1 *	20	10 - 90

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5210596	9.631241	6.787666	3.882475E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6286456	36.99744	6.544	5.095324E-02			SPCC (0.01)	*
1,2,4-Trichlorobenzene	0.3692158	7.565636	5.737167	4.121605E-02			20	
1,2-Dichlorobenzene	1.328739	9.008201	4.905167	4.609696E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9236288	11.34452	8.2525	8.070248E-02			20	
1,3-Dichlorobenzene	1.392748	9.687186	4.708833	0.0754727			20	
1,4-Dichlorobenzene	1.423776	8.798077	4.752	6.727402E-02			20	
1-Methylnaphthalene	0.6718616	7.382492	6.456	5.228883E-02			20	
2,3,4,6-Tetrachlorophenol	0.1373339	17.24272	7.8225	6.849911E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3556986	14.8238	6.670625	7.535108E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3306429	13.68017	6.634125	6.495217E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.3139737	10.45447	5.665625	7.507319E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.299699	9.615796	5.506375	0.082391			SPCC (0.2)	
2,4-Dinitrophenol	0.0995996	44.99158	7.496	8.617402E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3473344	14.01777	7.675	5.842354E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2647656	14.13349	7.226	4.726879E-02			SPCC (0.2)	
2-Chloronaphthalene	1.030418	9.352756	6.809	5.344491E-02			SPCC (0.8)	
2-Chlorophenol	1.145313	12.7347	4.592875	7.867043E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7618954	6.61043	6.357	4.763496E-02			SPCC (0.4)	
2-Methylphenol	0.9357983	11.74908	4.970125	8.660268E-02			SPCC (0.7)	
2-Nitroaniline	0.3302268	12.30368	6.946667	4.274668E-02			SPCC (0.01)	
2-Nitrophenol	0.1903218	15.32708	5.485	5.809781E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.485562	14.12555	5.083875	0.1217439			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5393098	37.14939	14.00967	4.229816E-02			SPCC (0.01)	*
3-Nitroaniline	0.2879379	11.4662	7.386	5.878819E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.862029E-02	39.44095	8.192625	0.1331681			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2283214	9.724931	8.735666	4.469188E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3567354	10.85536	6.2345	8.468811E-02			SPCC (0.2)	
4-Chloroaniline	0.4836703	10.19953	5.85	0.0396516			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6314339	10.4326	8.042	4.539845E-02			SPCC (0.4)	
4-Nitroaniline	0.285602	11.21112	8.1555	0.1726248			SPCC (0.01)	
4-Nitrophenol	0.2770608	19.22033	7.544	0.1492218			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.007899	9.693437	7.445	4.116506E-02			SPCC (0.9)	
Acenaphthylene	1.587889	11.68843	7.241	4.280831E-02			SPCC (0.9)	
Acetophenone	2.204773	30.54575	5.089833	6.058735E-02			SPCC (0.01)	*
Alpha Terpineol	0.3752998	7.230714	5.772	4.312225E-02			20	
Aniline	1.716022	9.083708	4.511833	4.888691E-02			SPCC ()	
Anthracene	1.015651	13.49075	9.493875	6.403419E-02			SPCC (0.7)	
Atrazine	0.2758211	36.94055	9.065167	7.340258E-02			SPCC (0.01)	*
Benzaldehyde	1.163089	28.65378	4.396	6.789163E-02			SPCC (0.01)	*
Benzidine	0.5627871	38.99798	11.444	4.869725E-02			20	*
Benzo(a)anthracene	1.231527	9.676298	13.933	3.934959E-02			SPCC (0.8)	
Benzo(a)pyrene	1.138423	11.34317	16.82333	5.061575E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.186662	11.02621	16.19517	0.0554783			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9665391	11.09916	19.304	7.239531E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.18061	11.02404	16.24633	6.049351E-02			SPCC (0.7)	
Benzoic acid	0.2685668	31.55703	5.618167	0.5632807			20	*
Benzyl alcohol	0.8464322	9.956443	4.870333	0.0419235			20	
Benzyl butyl phthalate	0.6032026	11.15944	13.004	2.672766E-02			20	
Bis(2-chloroethoxy)methane	0.476096	7.54432	5.585	5.493861E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.199552	11.47052	4.556375	8.047474E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.438674	8.932692	4.99	5.861037E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8168326	11.27144	14.342	3.126614E-02			20	
Caprolactam	0.1332083	26.92498	6.134	0.3002727			SPCC (0.01)	*
Carbazole	0.941736	11.35232	9.703125	6.506867E-02			SPCC (0.01)	
Chrysene	1.189333	9.756131	14.029	4.584147E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9779294	14.23232	18.9295	6.352516E-02			SPCC (0.4)	
Dibenzofuran	1.471969	10.90912	7.624167	5.498305E-02			SPCC (0.8)	
Diethyl phthalate	1.269186	10.12236	7.956	5.801661E-02			SPCC (0.01)	
Dimethyl phthalate	1.212843	9.433849	7.136667	4.031344E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.183674	13.04436	10.263	3.000469E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.375723	13.01365	15.663	0.0290758			SPCC (0.01)	
Diphenylamine	0.5993826	9.795696	8.217833	5.146407E-02			20	
Fluoranthene	1.16683	9.689815	11.152	4.610446E-02			SPCC (0.6)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
2,3,4,6-Tetrachlorophenol	30.0	40.6	35.3 *	30.00
2,4,5-Trichlorophenol	30.0	34.2	14.1	30.00
2,4,6-Trichlorophenol	30.0	34.2	14.1	30.00
2,4-Dichlorophenol	30.0	32.4	7.9	30.00
2,4-Dimethylphenol	30.0	35.2	17.2	30.00
2,4-Dinitrophenol	30.0	37.9	26.3	30.00
2,4-Dinitrotoluene	30.0	35.7	19.0	30.00
2,6-Dinitrotoluene	30.0	35.3	17.8	30.00
2-Chloronaphthalene	30.0	29.8	-0.6	30.00
2-Chlorophenol	30.0	33.6	12.1	30.00
2-Methylnaphthalene	30.0	30.2	0.8	30.00
2-Methylphenol	30.0	35.8	19.3	30.00
2-Nitroaniline	30.0	35.2	17.5	30.00
2-Nitrophenol	30.0	35.3	17.7	30.00
3- & 4-Methylphenols	30.0	29.8	-0.7	30.00
3-Nitroaniline	30.0	35.7	18.9	30.00
4,6-Dinitro-2-methylphenol	30.0	48.3	61.1 *	30.00
4-Bromophenyl phenyl ether	30.0	32.7	8.9	30.00
4-Chloro-3-methylphenol	30.0	34.3	14.3	30.00
4-Chloroaniline	30.0	30.3	1.0	30.00
4-Chlorophenyl phenyl ether	30.0	30.6	2.0	30.00
4-Nitroaniline	30.0	34.8	15.9	30.00
4-Nitrophenol	30.0	32.8	9.4	30.00
Benzyl butyl phthalate	30.0	34.7	15.7	30.00
Bis(2-chloroethoxy)methane	30.0	31.0	3.2	30.00
Bis(2-chloroethyl)ether	30.0	32.5	8.2	30.00
Bis(2-chloroisopropyl)ether	30.0	32.8	9.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Carbazole	30.0	31.2	3.8	30.00
Dibenzofuran	30.0	28.8	-3.8	30.00
Diethyl phthalate	30.0	30.0	0.0	30.00
Dimethyl phthalate	30.0	30.1	0.5	30.00
Di-n-butyl phthalate	30.0	30.5	1.8	30.00
Di-n-octyl phthalate	30.0	32.2	7.2	30.00
Hexachlorocyclopentadiene	30.0	32.7	9.0	30.00
Isophorone	30.0	29.3	-2.3	30.00
N-nitroso-di-n-propylamine	30.0	39.8	32.6 *	30.00
N-Nitrosodiphenylamine	30.0	40.2	34.1 *	30.00
Phenol	30.0	33.7	12.3	30.00
Pyridine	30.0	29.1	-2.9	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70357986.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1441	Injection Date:	01/14/25
Lab Sample ID:	S5A1441-CCV1	Injection Time:	09:26

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	34.4	0.5210596	0.5983883	0.01	14.8	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	27.2	0.6286456	0.5694156	0.01	-9.4	20	
2,3,4,6-Tetrachlorophenol	A	30.0	49.4	0.1373339	0.2260538	0.01	64.6	20	*
2,4,5-Trichlorophenol	A	30.0	35.9	0.3556986	0.4261165	0.2	19.8	20	
2,4,6-Trichlorophenol	A	30.0	41.8	0.3306429	0.4610372	0.2	39.4	20	*
2,4-Dichlorophenol	A	30.0	30.1	0.3139737	0.3154486	0.2	0.5	20	
2,4-Dimethylphenol	A	30.0	31.4	0.299699	0.3134302	0.2	4.6	20	
2,4-Dinitrophenol	A	30.0	53.4	0.0995996	0.1771547	0.01	77.9	20	*
2,4-Dinitrotoluene	A	30.0	37.7	0.3473344	0.4366993	0.2	25.7	20	*
2,6-Dinitrotoluene	A	30.0	38.0	0.2647656	0.334985	0.2	26.5	20	*
2-Chloronaphthalene	A	30.0	30.8	1.030418	1.059618	0.8	2.8	20	
2-Chlorophenol	A	30.0	33.9	1.145313	1.294906	0.8	13.1	20	
2-Methylnaphthalene	A	30.0	28.3	0.7618954	0.7192418	0.4	-5.6	20	
2-Methylphenol	A	30.0	35.9	0.9357983	1.120369	0.7	19.7	20	
2-Nitroaniline	A	30.0	37.5	0.3302268	0.4130571	0.01	25.1	20	*
2-Nitrophenol	A	30.0	34.0	0.1903218	0.2156636	0.1	13.3	20	
3- & 4-Methylphenols	A	30.0	34.6	1.485562	1.713914	0.6	15.4	20	
3,3-Dichlorobenzidine	A	30.0	31.1	0.5393098	0.5583586	0.01	3.5	20	
3-Nitroaniline	A	30.0	39.4	0.2879379	0.3784986	0.01	31.5	20	*
4,6-Dinitro-2-methylphenol	A	30.0	46.8	9.862029E-02	0.15371	0.01	55.9	20	*
4-Bromophenyl phenyl ether	A	30.0	27.5	0.2283214	0.2092138	0.1	-8.4	20	
4-Chloro-3-methylphenol	A	30.0	34.0	0.3567354	0.404807	0.2	13.5	20	
4-Chloroaniline	A	30.0	30.2	0.4836703	0.4868335	0.01	0.7	20	
4-Chlorophenyl phenyl ether	A	30.0	32.6	0.6314339	0.6868998	0.4	8.8	20	
4-Nitroaniline	A	30.0	38.2	0.285602	0.3633206	0.01	27.2	20	*
4-Nitrophenol	A	30.0	53.0	0.2770608	0.4893676	0.01	76.6	20	*
Acetophenone	A	30.0	27.5	2.204773	2.022229	0.01	-8.3	20	
Benzaldehyde	A	30.0	26.4	1.163089	1.025307	0.01	-11.8	20	
Benzyl butyl phthalate	A	30.0	34.6	0.6032026	0.6962215		15.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70357986.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1441	Injection Date:	01/14/25
Lab Sample ID:	S5A1441-CCV1	Injection Time:	09:26

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bis(2-chloroethoxy)methane	A	30.0	29.0	0.476096	0.4608534	0.3	-3.2	20	
Bis(2-chloroethyl)ether	A	30.0	32.9	1.199552	1.314016	0.7	9.5	20	
Bis(2-chloroisopropyl)ether	A	30.0	31.9	1.438674	1.529112	0.01	6.3	20	
Caprolactam	A	30.0	31.2	0.1332083	0.1385527	0.01	4.0	20	
Carbazole	A	30.0	33.3	0.941736	1.044735	0.01	10.9	20	
Dibenzofuran	A	30.0	30.3	1.471969	1.485756	0.8	0.9	20	
Diethyl phthalate	A	30.0	34.6	1.269186	1.464747	0.01	15.4	20	
Dimethyl phthalate	A	30.0	32.4	1.212843	1.308222	0.01	7.9	20	
Di-n-butyl phthalate	A	30.0	31.8	1.183674	1.254929	0.01	6.0	20	
Di-n-octyl phthalate	A	30.0	35.2	1.375723	1.613472	0.01	17.3	20	
Hexachlorocyclopentadiene	A	30.0	34.6	0.3442266	0.3970045	0.05	15.3	20	
Isophorone	A	30.0	30.0	0.8831455	0.8840763	0.4	0.1	20	
N-nitroso-di-n-propylamine	A	30.0	45.2	0.9045988	1.362858	0.5	50.7	20	*
N-Nitrosodiphenylamine	A	30.0	31.8	0.2024224	0.2145338	0.01	6.0	20	
Phenol	A	30.0	35.0	1.636453	1.906918	0.8	16.5	20	
Pyridine	A	30.0	35.0	1.322703	1.542271		16.6	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1434
Instrument: BNA #4
Calibration: SI40047

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1434-CCV1)			Lab File ID: SV4419646.D		Analyzed: 01/14/25 08:49			
SURR: 2-Fluorophenol	30.0	92.7	0 - 200	4.414	4.454167	-0.0402	+/-1.00	
SURR: Phenol-d6	30.0	89.8	0 - 200	5.205	5.228	-0.0230	+/-1.00	
SURR: Nitrobenzene-d5	30.0	105	0 - 200	5.961	6.014833	-0.0538	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	98.8	0 - 200	7.602	7.678667	-0.0767	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	157	0 - 200	9.528	9.603	-0.0750	+/-1.00	
SURR: Terphenyl-d14	30.0	106	0 - 200	12.937	13.0185	-0.0815	+/-1.00	
UIC001 (25A0469-01)			Lab File ID: SV4419652.D		Analyzed: 01/14/25 13:36			
SURR: 2-Fluorophenol	1.95	58.4	20 - 108	4.42	4.454167	-0.0342	+/-1.00	
SURR: Phenol-d6	1.95	56.6	23 - 114	5.223	5.228	-0.0050	+/-1.00	
SURR: Nitrobenzene-d5	0.975	65.1	22 - 108	5.973	6.014833	-0.0418	+/-1.00	
SURR: 2-Fluorobiphenyl	0.975	66.2	21 - 113	7.602	7.678667	-0.0767	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.95	120	19 - 110	9.522	9.603	-0.0810	+/-1.00	*
SURR: Terphenyl-d14	0.975	80.4	24 - 116	12.931	13.0185	-0.0875	+/-1.00	
UIC002 (25A0469-02)			Lab File ID: SV4419653.D		Analyzed: 01/14/25 14:05			
SURR: 2-Fluorophenol	3.83	52.3	20 - 108	4.42	4.454167	-0.0342	+/-1.00	
SURR: Phenol-d6	3.83	47.2	23 - 114	5.222	5.228	-0.0060	+/-1.00	
SURR: Nitrobenzene-d5	1.92	56.7	22 - 108	5.967	6.014833	-0.0478	+/-1.00	
SURR: 2-Fluorobiphenyl	1.92	55.4	21 - 113	7.608	7.678667	-0.0707	+/-1.00	
SURR: 2,4,6-Tribromophenol	3.83	109	19 - 110	9.522	9.603	-0.0810	+/-1.00	
SURR: Terphenyl-d14	1.92	73.3	24 - 116	12.96	13.0185	-0.0585	+/-1.00	
UIC003 (25A0469-03)			Lab File ID: SV4419654.D		Analyzed: 01/14/25 14:35			
SURR: 2-Fluorophenol	2.18	50.2	20 - 108	4.419	4.454167	-0.0352	+/-1.00	
SURR: Phenol-d6	2.18	46.5	23 - 114	5.217	5.228	-0.0110	+/-1.00	
SURR: Nitrobenzene-d5	1.09	50.8	22 - 108	5.973	6.014833	-0.0418	+/-1.00	
SURR: 2-Fluorobiphenyl	1.09	53.8	21 - 113	7.608	7.678667	-0.0707	+/-1.00	
SURR: 2,4,6-Tribromophenol	2.18	95.3	19 - 110	9.528	9.603	-0.0750	+/-1.00	
SURR: Terphenyl-d14	1.09	68.7	24 - 116	12.943	13.0185	-0.0755	+/-1.00	
UIC004 (25A0469-04)			Lab File ID: SV4419655.D		Analyzed: 01/14/25 15:09			
SURR: 2-Fluorophenol	2.59	29.1	20 - 108	4.425	4.454167	-0.0292	+/-1.00	
SURR: Phenol-d6	2.59	31.4	23 - 114	5.222	5.228	-0.0060	+/-1.00	
SURR: Nitrobenzene-d5	1.30	36.6	22 - 108	5.979	6.014833	-0.0358	+/-1.00	
SURR: 2-Fluorobiphenyl	1.30	37.7	21 - 113	7.608	7.678667	-0.0707	+/-1.00	
SURR: 2,4,6-Tribromophenol	2.59	70.8	19 - 110	9.528	9.603	-0.0750	+/-1.00	
SURR: Terphenyl-d14	1.30	51.8	24 - 116	13.007	13.0185	-0.0115	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1434
Instrument: BNA #4
Calibration: SI40047

Surrogate Compound	Spike Level mg/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC005 (25A0469-05)			Lab File ID: SV4419656.D		Analyzed: 01/14/25 15:38			
SURR: 2-Fluorophenol	2.70	50.4	20 - 108	4.425	4.454167	-0.0292	+/-1.00	
SURR: Phenol-d6	2.70	50.7	23 - 114	5.234	5.228	0.0060	+/-1.00	
SURR: Nitrobenzene-d5	1.35	50.9	22 - 108	5.973	6.014833	-0.0418	+/-1.00	
SURR: 2-Fluorobiphenyl	1.35	58.5	21 - 113	7.608	7.678667	-0.0707	+/-1.00	
SURR: 2,4,6-Tribromophenol	2.70	111	19 - 110	9.528	9.603	-0.0750	+/-1.00	*
SURR: Terphenyl-d14	1.35	76.2	24 - 116	12.949	13.0185	-0.0695	+/-1.00	
UIC006 (25A0469-06)			Lab File ID: SV4419657.D		Analyzed: 01/14/25 16:08			
SURR: 2-Fluorophenol	2.36	46.6	20 - 108	4.425	4.454167	-0.0292	+/-1.00	
SURR: Phenol-d6	2.36	45.0	23 - 114	5.222	5.228	-0.0060	+/-1.00	
SURR: Nitrobenzene-d5	1.18	51.1	22 - 108	5.973	6.014833	-0.0418	+/-1.00	
SURR: 2-Fluorobiphenyl	1.18	52.2	21 - 113	7.614	7.678667	-0.0647	+/-1.00	
SURR: 2,4,6-Tribromophenol	2.36	98.6	19 - 110	9.528	9.603	-0.0750	+/-1.00	
SURR: Terphenyl-d14	1.18	68.9	24 - 116	12.966	13.0185	-0.0525	+/-1.00	
UIC007 (25A0469-07)			Lab File ID: SV4419658.D		Analyzed: 01/14/25 16:38			
SURR: 2-Fluorophenol	1.84	58.8	20 - 108	4.425	4.454167	-0.0292	+/-1.00	
SURR: Phenol-d6	1.84	56.7	23 - 114	5.228	5.228	0.0000	+/-1.00	
SURR: Nitrobenzene-d5	0.921	55.0	22 - 108	5.973	6.014833	-0.0418	+/-1.00	
SURR: 2-Fluorobiphenyl	0.921	65.0	21 - 113	7.614	7.678667	-0.0647	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.84	110	19 - 110	9.534	9.603	-0.0690	+/-1.00	
SURR: Terphenyl-d14	0.921	77.4	24 - 116	12.949	13.0185	-0.0695	+/-1.00	
UIC008 (25A0469-08)			Lab File ID: SV4419659.D		Analyzed: 01/14/25 17:07			
SURR: 2-Fluorophenol	1.94	52.5	20 - 108	4.425	4.454167	-0.0292	+/-1.00	
SURR: Phenol-d6	1.94	50.0	23 - 114	5.222	5.228	-0.0060	+/-1.00	
SURR: Nitrobenzene-d5	0.968	48.1	22 - 108	5.973	6.014833	-0.0418	+/-1.00	
SURR: 2-Fluorobiphenyl	0.968	54.5	21 - 113	7.619	7.678667	-0.0597	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.94	98.5	19 - 110	9.533	9.603	-0.0700	+/-1.00	
SURR: Terphenyl-d14	0.968	67.8	24 - 116	12.949	13.0185	-0.0695	+/-1.00	
UIC009 (25A0469-09)			Lab File ID: SV4419660.D		Analyzed: 01/14/25 17:37			
SURR: 2-Fluorophenol	1.81	52.6	20 - 108	4.425	4.454167	-0.0292	+/-1.00	
SURR: Phenol-d6	1.81	46.5	23 - 114	5.234	5.228	0.0060	+/-1.00	
SURR: Nitrobenzene-d5	0.903	33.4	22 - 108	5.984	6.014833	-0.0308	+/-1.00	
SURR: 2-Fluorobiphenyl	0.903	62.2	21 - 113	7.625	7.678667	-0.0537	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.81	104	19 - 110	9.539	9.603	-0.0640	+/-1.00	
SURR: Terphenyl-d14	0.903	79.9	24 - 116	12.949	13.0185	-0.0695	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50685
Laboratory ID: BA50685-MS1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	1.19	ND	0.966	81.2	10 - 130
1,2,4,5-Tetrachlorobenzene	1.19	ND	0.950	79.8	10 - 133
1,2,4-Trichlorobenzene	1.19	ND	0.941	79.1	10 - 127
1,2-Dichlorobenzene	1.19	ND	0.780	65.6	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	1.19	ND	0.956	80.4	10 - 144
1,3-Dichlorobenzene	1.19	ND	0.732	61.5	11 - 111
1,4-Dichlorobenzene	1.19	ND	0.767	64.5	10 - 106
2,3,4,6-Tetrachlorophenol	1.19	ND	1.36	114	30 - 130
2,4,5-Trichlorophenol	1.19	ND	1.18	99.5	10 - 127
2,4,6-Trichlorophenol	1.19	ND	1.11	93.5	10 - 132
2,4-Dichlorophenol	1.19	ND	1.19	99.8	10 - 128
2,4-Dimethylphenol	1.19	ND	0.921	77.4	10 - 137
2,4-Dinitrophenol	1.19	ND	0.823	69.2	10 - 171
2,4-Dinitrotoluene	1.19	ND	1.11	93.6	16 - 135
2,6-Dinitrotoluene	1.19	ND	1.11	93.1	18 - 131
2-Chloronaphthalene	1.19	ND	0.931	78.3	10 - 129
2-Chlorophenol	1.19	ND	0.970	81.6	15 - 116
2-Methylnaphthalene	1.19	ND	0.918	77.2	10 - 147
2-Methylphenol	1.19	ND	0.984	82.7	10 - 136
2-Nitroaniline	1.19	ND	1.13	95.4	10 - 137
2-Nitrophenol	1.19	ND	1.17	98.2	10 - 129
3- & 4-Methylphenols	1.19	ND	0.893	75.1	10 - 123
3,3-Dichlorobenzidine	1.19	ND	ND	*	10 - 155
3-Nitroaniline	1.19	ND	0.384	32.3	12 - 133
4,6-Dinitro-2-methylphenol	1.19	ND	0.819	68.9	10 - 155
4-Bromophenyl phenyl ether	1.19	ND	0.966	81.2	14 - 128
4-Chloro-3-methylphenol	1.19	ND	1.13	94.7	10 - 134
4-Chloroaniline	1.19	ND	0.329	27.7	10 - 145
4-Chlorophenyl phenyl ether	1.19	ND	0.949	79.8	14 - 130
4-Nitroaniline	1.19	ND	0.410	34.5	10 - 147
4-Nitrophenol	1.19	ND	1.23	104	10 - 137

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50685
Laboratory ID: BA50685-MS1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Acenaphthene	1.19	0.284	1.27	83.0	10 - 146
Acenaphthylene	1.19	0.0754	1.03	80.2	10 - 134
Acetophenone	1.19	ND	0.897	75.4	10 - 116
Aniline	1.19	ND	0.250	21.0	10 - 123
Anthracene	1.19	0.860	2.02	97.1	10 - 142
Atrazine	1.19	ND	0.887	74.6	19 - 115
Benzaldehyde	1.19	ND	0.864	72.6	10 - 125
Benzo(a)anthracene	1.19	4.95	6.76	152	10 - 158
Benzo(a)pyrene	1.19	5.51	7.83	195 *	10 - 180
Benzo(b)fluoranthene	1.19	9.90	11.7	149	10 - 200
Benzo(g,h,i)perylene	1.19	4.15	5.74	134	10 - 138
Benzo(k)fluoranthene	1.19	7.68	4.52	-265 *	10 - 197
Benzoic acid	2.38	ND	1.25	52.4	10 - 166
Benzyl alcohol	1.19	ND	0.913	76.8	12 - 124
Benzyl butyl phthalate	1.19	ND	1.01	85.0	10 - 154
Bis(2-chloroethoxy)methane	1.19	ND	0.937	78.8	10 - 132
Bis(2-chloroethyl)ether	1.19	ND	0.922	77.5	10 - 119
Bis(2-chloroisopropyl)ether	1.19	ND	0.850	71.4	10 - 139
Bis(2-ethylhexyl)phthalate	1.19	0.259	1.15	75.3	10 - 167
Caprolactam	1.19	ND	1.20	101	10 - 132
Carbazole	1.19	1.15	2.41	105	10 - 167
Chrysene	1.19	8.66	9.69	87.1	10 - 156
Dibenzo(a,h)anthracene	1.19	1.80	2.73	77.8	10 - 137
Dibenzofuran	1.19	0.129	1.13	84.5	10 - 147
Diethyl phthalate	1.19	ND	0.969	81.4	20 - 120
Dimethyl phthalate	1.19	ND	0.947	79.6	18 - 131
Di-n-butyl phthalate	1.19	ND	1.05	87.9	10 - 137
Di-n-octyl phthalate	1.19	ND	1.04	87.1	10 - 180
Fluoranthene	1.19	16.9	13.7	-266 *	10 - 160
Fluorene	1.19	0.448	1.51	89.7	10 - 157
Hexachlorobenzene	1.19	ND	0.983	82.6	10 - 137
Hexachlorobutadiene	1.19	ND	0.910	76.5	10 - 132

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50685
Laboratory ID: BA50685-MS1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Hexachlorocyclopentadiene	1.19	ND	0.264	22.2	10 - 106
Hexachloroethane	1.19	ND	0.783	65.8	10 - 110
Indeno(1,2,3-cd)pyrene	1.19	4.44	6.50	173 *	10 - 144
Isophorone	1.19	ND	0.957	80.5	10 - 132
Naphthalene	1.19	ND	0.959	80.6	10 - 141
Nitrobenzene	1.19	ND	0.967	81.3	10 - 131
N-Nitrosodimethylamine	1.19	ND	0.750	63.0	10 - 126
N-nitroso-di-n-propylamine	1.19	ND	0.840	70.6	10 - 125
N-Nitrosodiphenylamine	1.19	ND	1.30	109	10 - 177
Pentachlorophenol	1.19	ND	1.56	131	10 - 153
Phenanthrene	1.19	8.18	7.25	-77.6 *	10 - 148
Phenol	1.19	ND	1.00	84.1	10 - 126
Pyrene	1.19	13.1	11.1	-168 *	10 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50685
Laboratory ID: BA50685-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	1.19	1.04	87.5	7.49	30	10 - 130
1,2,4,5-Tetrachlorobenzene	1.19	1.01	84.7	5.93	30	10 - 133
1,2,4-Trichlorobenzene	1.19	1.02	85.9	8.24	30	10 - 127
1,2-Dichlorobenzene	1.19	0.879	73.9	11.9	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	1.19	1.03	86.2	7.01	30	10 - 144
1,3-Dichlorobenzene	1.19	0.824	69.3	11.9	30	11 - 111
1,4-Dichlorobenzene	1.19	0.864	72.6	11.9	30	10 - 106
2,3,4,6-Tetrachlorophenol	1.19	1.40	118	3.03	30	30 - 130
2,4,5-Trichlorophenol	1.19	1.32	111	10.9	30	10 - 127
2,4,6-Trichlorophenol	1.19	1.24	104	11.1	30	10 - 132
2,4-Dichlorophenol	1.19	1.25	106	5.53	30	10 - 128
2,4-Dimethylphenol	1.19	0.995	83.7	7.75	30	10 - 137
2,4-Dinitrophenol	1.19	0.235	19.8	111 *	30	10 - 171
2,4-Dinitrotoluene	1.19	1.06	88.8	5.26	30	16 - 135
2,6-Dinitrotoluene	1.19	1.08	90.9	2.43	30	18 - 131
2-Chloronaphthalene	1.19	1.02	85.7	8.98	30	10 - 129
2-Chlorophenol	1.19	1.06	89.4	9.08	30	15 - 116
2-Methylnaphthalene	1.19	0.993	83.5	7.86	30	10 - 147
2-Methylphenol	1.19	1.08	90.6	9.05	30	10 - 136
2-Nitroaniline	1.19	1.37	115	19.1	30	10 - 137
2-Nitrophenol	1.19	1.17	98.7	0.487	30	10 - 129
3- & 4-Methylphenols	1.19	0.971	81.7	8.37	30	10 - 123
3,3-Dichlorobenzidine	1.19	0.126	10.6		30	10 - 155
3-Nitroaniline	1.19	0.845	71.0	74.9 *	30	12 - 133
4,6-Dinitro-2-methylphenol	1.19	0.235	19.8	111 *	30	10 - 155
4-Bromophenyl phenyl ether	1.19	1.06	88.9	9.03	30	14 - 128
4-Chloro-3-methylphenol	1.19	1.27	107	12.0	30	10 - 134
4-Chloroaniline	1.19	0.587	49.4	56.3 *	30	10 - 145
4-Chlorophenyl phenyl ether	1.19	1.06	89.5	11.5	30	14 - 130
4-Nitroaniline	1.19	0.814	68.5	66.0 *	30	10 - 147
4-Nitrophenol	1.19	1.24	104	0.231	30	10 - 137
Acenaphthene	1.19	1.24	80.4	2.50	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50685
Laboratory ID: BA50685-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	1.19	1.10	86.5	6.96	30	10 - 134
Acetophenone	1.19	0.975	82.0	8.33	30	10 - 116
Aniline	1.19	0.519	43.6	69.8 *	30	10 - 123
Anthracene	1.19	1.72	72.0	16.0	30	10 - 142
Atrazine	1.19	1.02	86.2	14.4	30	19 - 115
Benzaldehyde	1.19	0.947	79.6	9.14	30	10 - 125
Benzo(a)anthracene	1.19	5.12	14.7	27.5	30	10 - 158
Benzo(a)pyrene	1.19	5.49	-2.26 *	35.2 *	30	10 - 180
Benzo(b)fluoranthene	1.19	7.64	-190 *	41.8 *	30	10 - 200
Benzo(g,h,i)perylene	1.19	3.64	-42.8 *	44.8 *	30	10 - 138
Benzo(k)fluoranthene	1.19	4.77	-245 *	5.34	30	10 - 197
Benzoic acid	2.38	1.36	57.3	8.97	30	10 - 166
Benzyl alcohol	1.19	0.998	83.9	8.86	30	12 - 124
Benzyl butyl phthalate	1.19	1.17	98.6	14.8	30	10 - 154
Bis(2-chloroethoxy)methane	1.19	1.01	85.0	7.62	30	10 - 132
Bis(2-chloroethyl)ether	1.19	1.01	85.0	9.16	30	10 - 119
Bis(2-chloroisopropyl)ether	1.19	0.916	77.0	7.54	30	10 - 139
Bis(2-ethylhexyl)phthalate	1.19	1.26	84.1	8.75	30	10 - 167
Caprolactam	1.19	1.32	111	9.59	30	10 - 132
Carbazole	1.19	2.01	72.1	18.0	30	10 - 167
Chrysene	1.19	7.25	-118 *	28.8	30	10 - 156
Dibenzo(a,h)anthracene	1.19	1.69	-9.05 *	46.7 *	30	10 - 137
Dibenzofuran	1.19	1.19	88.8	4.43	30	10 - 147
Diethyl phthalate	1.19	1.05	88.1	7.83	30	20 - 120
Dimethyl phthalate	1.19	1.01	85.2	6.80	30	18 - 131
Di-n-butyl phthalate	1.19	1.14	95.7	8.45	30	10 - 137
Di-n-octyl phthalate	1.19	1.18	99.6	13.4	30	10 - 180
Fluoranthene	1.19	11.2	-473 *	19.8	30	10 - 160
Fluorene	1.19	1.44	83.0	5.35	30	10 - 157
Hexachlorobenzene	1.19	1.11	93.4	12.2	30	10 - 137
Hexachlorobutadiene	1.19	0.988	83.0	8.22	30	10 - 132
Hexachlorocyclopentadiene	1.19	0.127	10.6	70.2 *	30	10 - 106
Hexachloroethane	1.19	0.771	64.8	1.59	30	10 - 110

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50685
Laboratory ID: BA50685-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Indeno(1,2,3-cd)pyrene	1.19	4.29	-12.3 *	40.8 *	30	10 - 144
Isophorone	1.19	1.03	87.0	7.74	30	10 - 132
Naphthalene	1.19	1.04	87.4	8.00	30	10 - 141
Nitrobenzene	1.19	1.04	87.6	7.48	30	10 - 131
N-Nitrosodimethylamine	1.19	0.870	73.1	14.8	30	10 - 126
N-nitroso-di-n-propylamine	1.19	0.918	77.2	8.87	30	10 - 125
N-Nitrosodiphenylamine	1.19	1.27	107	1.85	30	10 - 177
Pentachlorophenol	1.19	1.70	143	8.51	30	10 - 153
Phenanthrene	1.19	6.31	-157 *	13.9	30	10 - 148
Phenol	1.19	1.10	92.6	9.69	30	10 - 126
Pyrene	1.19	9.35	-315 *	17.2	30	10 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM I

METHOD BLANK DATA SHEET

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0469
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Soil	Laboratory ID:	BA50685-BLK1	File ID:	E900324850.D
Prepared:	01/13/25 08:52	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Analyzed:	01/14/25 09:20	Instrument:	MSBNA9		
Batch:	BA50685	Sequence:	S5A1443	Calibration:	SA50022

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
92-52-4	1,1-Biphenyl	0.0416	U
95-94-3	1,2,4,5-Tetrachlorobenzene	0.0830	U
120-82-1	1,2,4-Trichlorobenzene	0.0416	U
95-50-1	1,2-Dichlorobenzene	0.0416	U
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	0.0416	U
541-73-1	1,3-Dichlorobenzene	0.0416	U
106-46-7	1,4-Dichlorobenzene	0.0416	U
58-90-2	2,3,4,6-Tetrachlorophenol	0.0830	U
95-95-4	2,4,5-Trichlorophenol	0.0416	U
88-06-2	2,4,6-Trichlorophenol	0.0416	U
120-83-2	2,4-Dichlorophenol	0.0416	U
105-67-9	2,4-Dimethylphenol	0.0416	U
51-28-5	2,4-Dinitrophenol	0.0830	U
121-14-2	2,4-Dinitrotoluene	0.550	
606-20-2	2,6-Dinitrotoluene	0.0416	U
91-58-7	2-Chloronaphthalene	0.0416	U
95-57-8	2-Chlorophenol	0.0416	U
91-57-6	2-Methylnaphthalene	0.0416	U
95-48-7	2-Methylphenol	0.0416	U
88-74-4	2-Nitroaniline	0.0830	U
88-75-5	2-Nitrophenol	0.0416	U
65794-96-9	3- & 4-Methylphenols	0.0416	U
91-94-1	3,3-Dichlorobenzidine	0.0416	U
99-09-2	3-Nitroaniline	0.0830	U
534-52-1	4,6-Dinitro-2-methylphenol	0.0830	U
101-55-3	4-Bromophenyl phenyl ether	0.0416	U
59-50-7	4-Chloro-3-methylphenol	0.0209	J
106-47-8	4-Chloroaniline	0.0416	U
7005-72-3	4-Chlorophenyl phenyl ether	0.0416	U
100-01-6	4-Nitroaniline	0.0830	U

FORM I

METHOD BLANK DATA SHEET

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0469
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Soil	Laboratory ID:	BA50685-BLK1	File ID:	E900324850.D
Prepared:	01/13/25 08:52	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Analyzed:	01/14/25 09:20	Instrument:	MSBNA9		
Batch:	BA50685	Sequence:	S5A1443	Calibration:	SA50022

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
100-02-7	4-Nitrophenol	0.0830	U
83-32-9	Acenaphthene	0.0416	U
208-96-8	Acenaphthylene	0.0416	U
98-86-2	Acetophenone	0.0416	U
62-53-3	Aniline	0.166	U
120-12-7	Anthracene	0.0416	U
1912-24-9	Atrazine	0.0416	U
100-52-7	Benzaldehyde	0.0416	U
92-87-5	Benzidine	0.166	U
56-55-3	Benzo(a)anthracene	0.0416	U
50-32-8	Benzo(a)pyrene	0.0416	U
205-99-2	Benzo(b)fluoranthene	0.0416	U
191-24-2	Benzo(g,h,i)perylene	0.0416	U
207-08-9	Benzo(k)fluoranthene	0.0416	U
65-85-0	Benzoic acid	0.0216	J
100-51-6	Benzyl alcohol	0.0416	U
85-68-7	Benzyl butyl phthalate	0.0416	U
111-91-1	Bis(2-chloroethoxy)methane	0.0416	U
111-44-4	Bis(2-chloroethyl)ether	0.0416	U
108-60-1	Bis(2-chloroisopropyl)ether	0.0416	U
117-81-7	Bis(2-ethylhexyl)phthalate	0.0416	U
105-60-2	Caprolactam	0.0830	U
86-74-8	Carbazole	0.0416	U
218-01-9	Chrysene	0.0416	U
53-70-3	Dibenzo(a,h)anthracene	0.0416	U
132-64-9	Dibenzofuran	0.0416	U
84-66-2	Diethyl phthalate	0.0416	U
131-11-3	Dimethyl phthalate	0.0416	U
84-74-2	Di-n-butyl phthalate	0.0416	U
117-84-0	Di-n-octyl phthalate	0.0416	U

FORM I

METHOD BLANK DATA SHEET

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0469
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Soil	Laboratory ID:	BA50685-BLK1	File ID:	E900324850.D
Prepared:	01/13/25 08:52	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL
Analyzed:	01/14/25 09:20	Instrument:	MSBNA9		
Batch:	BA50685	Sequence:	S5A1443	Calibration:	SA50022

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
206-44-0	Fluoranthene	0.0416	U
86-73-7	Fluorene	0.0416	U
118-74-1	Hexachlorobenzene	0.0416	U
87-68-3	Hexachlorobutadiene	0.0416	U
77-47-4	Hexachlorocyclopentadiene	0.0416	U
67-72-1	Hexachloroethane	0.0416	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.0209	J
78-59-1	Isophorone	0.0416	U
91-20-3	Naphthalene	0.0416	U
98-95-3	Nitrobenzene	0.0416	U
62-75-9	N-Nitrosodimethylamine	0.0416	U
621-64-7	N-nitroso-di-n-propylamine	0.0416	U
86-30-6	N-Nitrosodiphenylamine	0.0416	U
87-86-5	Pentachlorophenol	0.0272	J
85-01-8	Phenanthrene	0.0416	U
108-95-2	Phenol	0.0416	U
129-00-0	Pyrene	0.0416	U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg wet)	CONC (mg/kg wet)	% REC	QC LIMITS	Q
SURR: 2,4,6-Tribromophenol	1.66	1.49	89.5	19 - 110	
SURR: 2-Fluorobiphenyl	0.831	0.563	67.8	21 - 113	
SURR: 2-Fluorophenol	1.66	1.33	80.1	20 - 108	
SURR: Nitrobenzene-d5	0.831	0.659	79.3	22 - 108	
SURR: Phenol-d6	1.66	1.25	75.4	23 - 114	
SURR: Terphenyl-d14	0.831	0.619	74.5	24 - 116	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
ISTD: 1,4-Dichlorobenzene-d4	1882564	5.47	1792946	5.47	
ISTD: Acenaphthene-d10	4734307	8.446	4950232	8.445	
ISTD: Chrysene-d12	6270875	15.135	7002551	15.146	
ISTD: Naphthalene-d8	8115524	6.568	9034071	6.574	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Instrument: MSBNA9
Calibration Date: 01/09/25 00:09

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5636684	9.079173	7.713	1.827196E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.3528569	6.500748	7.44	1.680764E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2180511	7.248601	6.528	2.272826E-02			20	
1,2-Dichlorobenzene	1.407891	8.094926	5.644	1.017298E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9202075	10.58488	9.366	2.836835E-02			20	
1,3-Dichlorobenzene	1.415826	8.791568	5.441	6.058229E-03			20	
1,4-Dichlorobenzene	1.473697	8.354359	5.483167	5.445093E-02			20	
1-Methylnaphthalene	0.5407672	7.897665	7.347	2.019464E-02			20	
2,3,4,6-Tetrachlorophenol	9.508644E-02	16.10908	8.90525	1.884551E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.258419	15.26299	7.584375	2.633681E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2386556	13.65262	7.539	8.613584E-03			SPCC (0.2)	
2,4-Dichlorophenol	0.2031536	9.974615	6.443125	5.136206E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2496062	8.213394	6.25025	4.025916E-02			SPCC (0.2)	
2,4-Dinitrophenol	6.420455E-02	44.77351	8.52325	3.607475E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3097274	19.44964	8.720333	3.464395E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2309661	16.90621	8.206	2.139382E-02			SPCC (0.2)	
2-Chloronaphthalene	1.021858	8.766706	7.749	3.006701E-02			SPCC (0.8)	
2-Chlorophenol	1.317031	10.23865	5.32125	5.665708E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6082	7.682208	7.231	1.450993E-02			SPCC (0.4)	
2-Methylphenol	1.109819	8.52858	5.6865	5.212396E-02			SPCC (0.7)	
2-Nitroaniline	0.3413455	17.39286	7.898	2.920695E-02			SPCC (0.01)	
2-Nitrophenol	0.1269698	16.24729	6.2505	4.738997E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.672428	10.53454	5.8025	5.256554E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4342148	10.10199	15.13183	2.775576E-02			SPCC (0.01)	
3-Nitroaniline	0.301429	15.111	8.398	5.518148E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.466289E-02	45.94438	9.307	5.377752E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1787162	11.05968	9.740167	2.158323E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2463904	8.367447	7.06275	3.159045E-02			SPCC (0.2)	
4-Chloroaniline	0.3890625	7.964719	6.647	4.973105E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.4681951	8.759382	9.141	3.698613E-02			SPCC (0.4)	
4-Nitroaniline	0.3169376	15.51491	9.266833	9.475666E-02			SPCC (0.01)	
4-Nitrophenol	0.2065287	18.52087	8.555875	7.017164E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40047
Instrument: BNA #4
Calibration Date: 09/27/24 00:47

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.190515	13.38963	8.562	2.076424E-02			SPCC (0.9)	
Acenaphthylene	1.854388	11.6949	8.329	2.312329E-02			SPCC (0.9)	
Acetophenone	1.92896	7.748582	5.874	1.972805E-02			SPCC (0.01)	
Alpha Terpineol	0.249104	10.85824	6.608	3.627135E-02			20	
Aniline	1.879777	10.33882	5.280833	1.187055E-02			SPCC ()	
Anthracene	1.189104	9.402161	10.45967	0.0156616			SPCC (0.7)	
Atrazine	0.2237447	7.999796	10.03	3.528572E-02			SPCC (0.01)	
Benzaldehyde	1.046415	10.52013	5.166	6.127672E-02			SPCC (0.01)	
Benzidine	0.7324164	13.76383	12.543	1.740178E-02			20	
Benzo(a)anthracene	1.272608	11.29141	15.16617	2.422315E-02			SPCC (0.8)	
Benzo(a)pyrene	1.322637	11.76216	18.114	5.035708E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.342757	11.70771	17.472	5.837699E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.118613	8.665437	20.67	0.069332			SPCC (0.5)	
Benzo(k)fluoranthene	1.348658	10.41281	17.52067	4.478088E-02			SPCC (0.7)	
Benzoic acid	0.1691632	26.22099	6.390833	0.2574699			20	*
Benzyl alcohol	0.9714783	11.27743	5.643	5.546575E-02			20	
Benzyl butyl phthalate	0.5958634	11.15794	14.13467	3.325747E-02			20	
Bis(2-chloroethoxy)methane	0.3619514	11.96665	6.392	1.236134E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.357576	10.53728	5.3155	3.547229E-03			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.997817	11.10376	5.763167	1.086669E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8673083	11.0031	15.47	1.488237E-02			20	
Caprolactam	0.1073086	18.88502	7.019167	0.1804134			SPCC (0.01)	
Carbazole	1.166132	6.845147	10.677	3.344963E-02			SPCC (0.01)	
Chrysene	1.232731	10.56364	15.26217	4.742228E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.197071	7.906089	20.23167	0.0541139			SPCC (0.4)	
Dibenzofuran	1.672496	10.75431	8.7675	3.276231E-02			SPCC (0.8)	
Diethyl phthalate	1.34245	11.08788	9.104	2.140413E-02			SPCC (0.01)	
Dimethyl phthalate	1.303929	11.93317	8.168	4.192371E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.353576	8.902694	11.242	2.406497E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.564314	14.07218	16.801	1.626532E-02			SPCC (0.01)	
Diphenylamine	0.7106897	9.902795	9.4065	2.252834E-02			20	
Fluoranthene	1.302718	9.845406	12.264	2.220629E-02			SPCC (0.6)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV1
Sequence: S5A1005
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	32.9	9.6	30.00
1,2-Dichlorobenzene	30.0	30.4	1.2	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	31.4	4.5	30.00
1,3-Dichlorobenzene	30.0	31.3	4.4	30.00
1,4-Dichlorobenzene	30.0	30.4	1.3	30.00
1-Methylnaphthalene	30.0	30.3	1.0	30.00
2,3,4,6-Tetrachlorophenol	30.0	40.6	35.5 *	30.00
2,4,5-Trichlorophenol	30.0	34.4	14.7	30.00
2,4,6-Trichlorophenol	30.0	34.7	15.6	30.00
2,4-Dichlorophenol	30.0	35.4	17.9	30.00
2,4-Dimethylphenol	30.0	36.8	22.8	30.00
2,4-Dinitrophenol	30.0	43.3	44.3 *	30.00
2,4-Dinitrotoluene	30.0	36.5	21.6	30.00
2,6-Dinitrotoluene	30.0	35.8	19.2	30.00
2-Chloronaphthalene	30.0	30.0	0.2	30.00
2-Chlorophenol	30.0	33.1	10.3	30.00
2-Methylnaphthalene	30.0	33.5	11.5	30.00
2-Methylphenol	30.0	31.6	5.3	30.00
2-Nitroaniline	30.0	34.3	14.3	30.00
2-Nitrophenol	30.0	40.1	33.7 *	30.00
3- & 4-Methylphenols	30.0	28.2	-6.1	30.00
3-Nitroaniline	30.0	33.9	13.1	30.00
4,6-Dinitro-2-methylphenol	30.0	45.6	51.9 *	30.00
4-Bromophenyl phenyl ether	30.0	30.1	0.2	30.00
4-Chloro-3-methylphenol	30.0	34.2	14.1	30.00
4-Chloroaniline	30.0	33.7	12.4	30.00
4-Chlorophenyl phenyl ether	30.0	31.0	3.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV1
Sequence: S5A1005
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	30.3	1.1	30.00
Fluorene	30.0	30.3	1.1	30.00
Hexachlorobenzene	30.0	30.4	1.3	30.00
Hexachlorobutadiene	30.0	32.8	9.3	30.00
Hexachlorocyclopentadiene	30.0	35.0	16.5	30.00
Hexachloroethane	30.0	30.8	2.8	30.00
Indeno(1,2,3-cd)pyrene	30.0	34.1	13.7	30.00
Isophorone	30.0	32.0	6.6	30.00
Naphthalene	30.0	32.2	7.2	30.00
Nitrobenzene	30.0	33.4	11.4	30.00
N-Nitrosodimethylamine	30.0	32.0	6.5	30.00
N-nitroso-di-n-propylamine	30.0	28.5	-4.9	30.00
N-Nitrosodiphenylamine	30.0	34.6	15.4	30.00
Pentachlorophenol	30.0	46.5	55.0 *	30.00
Phenanthrene	30.0	30.3	0.9	30.00
Phenol	30.0	31.2	4.0	30.00
Pyrene	30.0	29.7	-1.1	30.00
Pyridine	30.0	29.6	-1.2	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV2
Sequence: S5A1005
Standard ID: S24K021

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	30.2	0.6	30.00
3,3-Dichlorobenzidine	30.0	33.6	12.0	30.00
Acetophenone	30.0	30.5	1.7	30.00
Atrazine	30.0	30.9	3.1	30.00
Benzaldehyde	30.0	33.1	10.2	30.00
Benzidine	30.0	46.7	55.6 *	30.00
Benzoic acid	30.0	36.0	20.0	30.00
Caprolactam	30.0	39.0	30.0	30.00
Pentachloronitrobenzene	30.0	32.4	7.9	30.00
Parathion	30.0	35.4	18.1	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40047
Laboratory ID: S4I3021-SCV1
Sequence: S4I3021
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	29.4	-2.0	30.00
1,2-Dichlorobenzene	30.0	28.1	-6.3	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	28.4	-5.4	30.00
1,3-Dichlorobenzene	30.0	28.8	-3.9	30.00
1,4-Dichlorobenzene	30.0	28.0	-6.6	30.00
1-Methylnaphthalene	30.0	26.6	-11.5	30.00
2,3,4,6-Tetrachlorophenol	30.0	33.8	12.8	30.00
2,4,5-Trichlorophenol	30.0	29.4	-1.9	30.00
2,4,6-Trichlorophenol	30.0	29.0	-3.4	30.00
2,4-Dichlorophenol	30.0	30.0	0.03	30.00
2,4-Dimethylphenol	30.0	20.1	-32.9 *	30.00
2,4-Dinitrophenol	30.0	37.1	23.7	30.00
2,4-Dinitrotoluene	30.0	31.2	4.1	30.00
2,6-Dinitrotoluene	30.0	31.1	3.7	30.00
2-Chloronaphthalene	30.0	28.4	-5.2	30.00
2-Chlorophenol	30.0	29.5	-1.7	30.00
2-Methylnaphthalene	30.0	28.2	-5.9	30.00
2-Methylphenol	30.0	27.2	-9.2	30.00
2-Nitroaniline	30.0	29.4	-2.0	30.00
2-Nitrophenol	30.0	29.6	-1.4	30.00
3- & 4-Methylphenols	30.0	24.6	-18.1	30.00
3-Nitroaniline	30.0	29.6	-1.4	30.00
4,6-Dinitro-2-methylphenol	30.0	37.2	24.1	30.00
4-Bromophenyl phenyl ether	30.0	28.2	-6.0	30.00
4-Chloro-3-methylphenol	30.0	29.4	-1.9	30.00
4-Chloroaniline	30.0	27.0	-9.9	30.00
4-Chlorophenyl phenyl ether	30.0	27.7	-7.7	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40047
Laboratory ID: S4I3021-SCV1
Sequence: S4I3021
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	27.8	-7.4	30.00
Fluorene	30.0	27.6	-7.9	30.00
Hexachlorobenzene	30.0	28.0	-6.8	30.00
Hexachlorobutadiene	30.0	27.6	-7.8	30.00
Hexachlorocyclopentadiene	30.0	13.8	-53.9 *	30.00
Hexachloroethane	30.0	28.3	-5.6	30.00
Indeno(1,2,3-cd)pyrene	30.0	30.3	1.0	30.00
Isophorone	30.0	28.4	-5.3	30.00
Naphthalene	30.0	29.8	-0.6	30.00
Nitrobenzene	30.0	28.6	-4.8	30.00
N-Nitrosodimethylamine	30.0	28.3	-5.6	30.00
N-nitroso-di-n-propylamine	30.0	26.9	-10.2	30.00
N-Nitrosodiphenylamine	30.0	32.4	8.1	30.00
Pentachlorophenol	30.0	33.1	10.4	30.00
Phenanthrene	30.0	28.8	-4.1	30.00
Phenol	30.0	28.9	-3.6	30.00
Pyrene	30.0	27.3	-8.9	30.00
Pyridine	30.0	20.3	-32.3 *	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #4	Calibration:	SI40047
Lab File ID:	SV4419646.D	Calibration Date:	09/27/24 00:47
Sequence:	S5A1434	Injection Date:	01/14/25
Lab Sample ID:	S5A1434-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	28.5	0.5989004	0.5687462	0.01	-5.0	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.6	0.5018973	0.5113128	0.01	1.9	20	
1,2,4-Trichlorobenzene	A	30.0	33.8	0.268735	0.3032079		12.8	20	
1,2-Dichlorobenzene	A	30.0	30.6	1.485874	1.51537		2.0	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	26.1	0.8477732	0.7364816		-13.1	20	
1,3-Dichlorobenzene	A	30.0	29.0	1.518814	1.468578		-3.3	20	
1,4-Dichlorobenzene	A	30.0	30.3	1.559865	1.5737		0.9	20	
2,3,4,6-Tetrachlorophenol	A	30.0	29.0	0.1156758	0.1118798	0.01	-3.3	20	
2,4,5-Trichlorophenol	A	30.0	31.3	0.3534119	0.369057	0.2	4.4	20	
2,4,6-Trichlorophenol	A	30.0	29.6	0.3305714	0.3256667	0.2	-1.5	20	
2,4-Dichlorophenol	A	30.0	32.2	0.250621	0.2694575	0.2	7.5	20	
2,4-Dimethylphenol	A	30.0	30.6	0.2773162	0.2832719	0.2	2.1	20	
2,4-Dinitrophenol	A	30.0	29.8	0.1165294	0.1158067	0.01	-0.6	20	
2,4-Dinitrotoluene	A	30.0	36.2	0.3891247	0.4697099	0.2	20.7	20	*
2,6-Dinitrotoluene	A	30.0	35.0	0.2891463	0.3377105	0.2	16.8	20	
2-Chloronaphthalene	A	30.0	29.0	1.103452	1.06604	0.8	-3.4	20	
2-Chlorophenol	A	30.0	29.5	1.409475	1.386521	0.8	-1.6	20	
2-Methylnaphthalene	A	30.0	29.8	0.7142011	0.710576	0.4	-0.5	20	
2-Methylphenol	A	30.0	29.6	1.124109	1.109115	0.7	-1.3	20	
2-Nitroaniline	A	30.0	30.2	0.4027376	0.405014	0.01	0.6	20	
2-Nitrophenol	A	30.0	33.4	0.1657286	0.1844781	0.1	11.3	20	
3- & 4-Methylphenols	A	30.0	29.6	1.723709	1.703151	0.6	-1.2	20	
3,3-Dichlorobenzidine	A	30.0	35.9	0.4810011	0.5751464	0.01	19.6	20	
3-Nitroaniline	A	30.0	30.7	0.3610088	0.3696005	0.01	2.4	20	
4,6-Dinitro-2-methylphenol	A	30.0	36.6	0.1131351	0.1378591	0.01	21.9	20	*
4-Bromophenyl phenyl ether	A	30.0	36.8	0.2189692	0.2687688	0.1	22.7	20	*
4-Chloro-3-methylphenol	A	30.0	35.6	0.2721804	0.3234341	0.2	18.8	20	
4-Chloroaniline	A	30.0	31.1	0.4108423	0.4262195	0.01	3.7	20	
4-Chlorophenyl phenyl ether	A	30.0	32.5	0.6398809	0.6926424	0.4	8.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #4	Calibration:	SI40047
Lab File ID:	SV4419646.D	Calibration Date:	09/27/24 00:47
Sequence:	S5A1434	Injection Date:	01/14/25
Lab Sample ID:	S5A1434-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Nitroaniline	A	30.0	29.3	0.373945	0.3652464	0.01	-2.3	20	
4-Nitrophenol	A	30.0	51.8	0.2278921	0.3934419	0.01	72.6	20	*
Acenaphthene	A	30.0	28.1	1.190515	1.113781	0.9	-6.4	20	
Acenaphthylene	A	30.0	29.2	1.854388	1.803211	0.9	-2.8	20	
Acetophenone	A	30.0	29.2	1.92896	1.880373	0.01	-2.5	20	
Aniline	A	30.0	25.3	1.879777	1.582993		-15.8	20	
Anthracene	A	30.0	30.3	1.189104	1.201191	0.7	1.0	20	
Atrazine	A	30.0	31.7	0.2237447	0.2365138	0.01	5.7	20	
Benzaldehyde	A	30.0	27.5	1.046415	0.9598845	0.01	-8.3	20	
Benzidine	A	30.0	28.1	0.7324164	0.6851103		-6.5	20	
Benzo(a)anthracene	A	30.0	29.7	1.272608	1.259527	0.8	-1.0	20	
Benzo(a)pyrene	A	30.0	34.2	1.322637	1.507459	0.7	14.0	20	
Benzo(b)fluoranthene	A	30.0	30.8	1.342757	1.378909	0.7	2.7	20	
Benzo(g,h,i)perylene	A	30.0	31.2	1.118613	1.162091	0.5	3.9	20	
Benzo(k)fluoranthene	A	30.0	35.9	1.348658	1.614444	0.7	19.7	20	
Benzoic acid	A	30.0	2.55	0.1691632	1.438183E-02		-91.5	20	*
Benzyl alcohol	A	30.0	27.6	0.9714783	0.8939044		-8.0	20	
Benzyl butyl phthalate	A	30.0	27.3	0.5958634	0.5422393		-9.0	20	
Bis(2-chloroethoxy)methane	A	30.0	26.6	0.3619514	0.3211819	0.3	-11.3	20	
Bis(2-chloroethyl)ether	A	30.0	27.6	1.357576	1.247461	0.7	-8.1	20	
Bis(2-chloroisopropyl)ether	A	30.0	12.7	1.997817	0.8432054	0.01	-57.8	20	*
Bis(2-ethylhexyl)phthalate	A	30.0	28.7	0.8673083	0.8295744		-4.4	20	
Caprolactam	A	30.0	35.8	0.1073086	0.1280856	0.01	19.4	20	
Carbazole	A	30.0	29.5	1.166132	1.146213	0.01	-1.7	20	
Chrysene	A	30.0	30.2	1.232731	1.240494	0.7	0.6	20	
Dibenzo(a,h)anthracene	A	30.0	32.1	1.197071	1.280623	0.4	7.0	20	
Dibenzofuran	A	30.0	29.3	1.672496	1.631498	0.8	-2.5	20	
Diethyl phthalate	A	30.0	31.0	1.34245	1.385234	0.01	3.2	20	
Dimethyl phthalate	A	30.0	31.2	1.303929	1.354793	0.01	3.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #4	Calibration:	SI40047
Lab File ID:	SV4419646.D	Calibration Date:	09/27/24 00:47
Sequence:	S5A1434	Injection Date:	01/14/25
Lab Sample ID:	S5A1434-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Di-n-butyl phthalate	A	30.0	29.9	1.353576	1.35107	0.01	-0.2	20	
Di-n-octyl phthalate	A	30.0	29.3	1.564314	1.529346	0.01	-2.2	20	
Fluoranthene	A	30.0	30.6	1.302718	1.330077	0.6	2.1	20	
Fluorene	A	30.0	29.3	1.432673	1.399574	0.9	-2.3	20	
Hexachlorobenzene	A	30.0	29.0	9.042911E-02	8.740989E-02	0.1	-3.3	20	
Hexachlorobutadiene	A	30.0	39.3	0.1406043	0.1843362	0.01	31.1	20	*
Hexachlorocyclopentadiene	A	30.0	2.62	0.3237648	2.826387E-02	0.05	-91.3	20	*
Hexachloroethane	A	30.0	30.8	0.5474864	0.5621777	0.3	2.7	20	
Indeno(1,2,3-cd)pyrene	A	30.0	35.7	1.212462	1.444428	0.5	19.1	20	
Isophorone	A	30.0	29.2	0.5897778	0.574001	0.4	-2.7	20	
Naphthalene	A	30.0	29.4	1.0085	0.9892256	0.7	-1.9	20	
Nitrobenzene	A	30.0	32.2	0.2944821	0.3162017	0.2	7.4	20	
N-Nitrosodimethylamine	A	30.0	24.8	0.7989379	0.6614948		-17.2	20	
N-nitroso-di-n-propylamine	A	30.0	30.0	1.003226	1.004616	0.5	0.1	20	
N-Nitrosodiphenylamine	A	30.0	27.4	0.2487412	0.2267375	0.01	-8.8	20	
Pentachlorophenol	A	30.0	24.2	0.1242226	0.1001253	0.05	-19.4	20	
Phenanthrene	A	30.0	28.1	1.173709	1.100126	0.7	-6.3	20	
Phenol	A	30.0	30.9	1.654644	1.704701	0.8	3.0	20	
Pyrene	A	30.0	27.2	1.232114	1.117898	0.6	-9.3	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324849.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1443	Injection Date:	01/14/25
Lab Sample ID:	S5A1443-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	29.8	0.5636684	0.5590865	0.01	-0.8	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.2	0.3528569	0.3558198	0.01	0.8	20	
1,2,4-Trichlorobenzene	A	30.0	31.0	0.2180511	0.2251645		3.3	20	
1,2-Dichlorobenzene	A	30.0	31.2	1.407891	1.466625		4.2	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	30.4	0.9202075	0.9309338		1.2	20	
1,3-Dichlorobenzene	A	30.0	31.3	1.415826	1.475702		4.2	20	
1,4-Dichlorobenzene	A	30.0	30.4	1.473697	1.49436		1.4	20	
1-Methylnaphthalene	A	30.0	30.8	0.5407672	0.5547429		2.6	20	
2,3,4,6-Tetrachlorophenol	A	30.0	38.5	9.508644E-02	0.1220538	0.01	28.4	20	*
2,4,5-Trichlorophenol	A	30.0	35.8	0.258419	0.3084642	0.2	19.4	20	
2,4,6-Trichlorophenol	A	30.0	35.8	0.2386556	0.285209	0.2	19.5	20	
2,4-Dichlorophenol	A	30.0	33.8	0.2031536	0.2291006	0.2	12.8	20	
2,4-Dimethylphenol	A	30.0	32.8	0.2496062	0.2731414	0.2	9.4	20	
2,4-Dinitrophenol	A	30.0	66.0	6.420455E-02	0.141345	0.01	120	20	*
2,4-Dinitrotoluene	A	30.0	39.3	0.3097274	0.4060513	0.2	31.1	20	*
2,6-Dinitrotoluene	A	30.0	36.9	0.2309661	0.2841607	0.2	23.0	20	*
2-Chloronaphthalene	A	30.0	30.3	1.021858	1.03067	0.8	0.9	20	
2-Chlorophenol	A	30.0	33.6	1.317031	1.47409	0.8	11.9	20	
2-Methylnaphthalene	A	30.0	31.2	0.6082	0.6325407	0.4	4.0	20	
2-Methylphenol	A	30.0	32.0	1.109819	1.183588	0.7	6.6	20	
2-Nitroaniline	A	30.0	37.5	0.3413455	0.4263059	0.01	24.9	20	*
2-Nitrophenol	A	30.0	39.2	0.1269698	0.1660986	0.1	30.8	20	*
3- & 4-Methylphenols	A	30.0	33.3	1.672428	1.858027	0.6	11.1	20	
3,3-Dichlorobenzidine	A	30.0	36.6	0.4342148	0.5289491	0.01	21.8	20	*
3-Nitroaniline	A	30.0	37.0	0.301429	0.3719473	0.01	23.4	20	*
4,6-Dinitro-2-methylphenol	A	30.0	58.4	6.466289E-02	0.1258984	0.01	94.7	20	*
4-Bromophenyl phenyl ether	A	30.0	30.6	0.1787162	0.1825341	0.1	2.1	20	
4-Chloro-3-methylphenol	A	30.0	34.1	0.2463904	0.2803451	0.2	13.8	20	
4-Chloroaniline	A	30.0	31.9	0.3890625	0.4141477	0.01	6.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324849.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1443	Injection Date:	01/14/25
Lab Sample ID:	S5A1443-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	31.7	0.4681951	0.4950823	0.4	5.7	20	
4-Nitroaniline	A	30.0	38.2	0.3169376	0.4039329	0.01	27.4	20	*
4-Nitrophenol	A	30.0	42.1	0.2065287	0.2895915	0.01	40.2	20	*
Acenaphthene	A	30.0	30.2	1.122579	1.130435	0.9	0.7	20	
Acenaphthylene	A	30.0	31.7	1.692716	1.787677	0.9	5.6	20	
Acetophenone	A	30.0	31.1	1.989401	2.061558	0.01	3.6	20	
Alpha Terpineol	A	30.0	29.8	0.2306757	0.2288994		-0.8	20	
Aniline	A	30.0	33.2	1.870734	2.068618		10.6	20	
Anthracene	A	30.0	31.4	1.09762	1.150032	0.7	4.8	20	
Atrazine	A	30.0	31.5	0.1759347	0.1848891	0.01	5.1	20	
Benzaldehyde	A	30.0	30.3	0.9704121	0.9789341	0.01	0.9	20	
Benzidine	A	30.0	42.5	0.4289636	0.6071387		41.5	20	*
Benzo(a)anthracene	A	30.0	33.2	1.105801	1.224581	0.8	10.7	20	
Benzo(a)pyrene	A	30.0	35.0	1.223535	1.426423	0.7	16.6	20	
Benzo(b)fluoranthene	A	30.0	35.4	1.223895	1.442689	0.7	17.9	20	
Benzo(g,h,i)perylene	A	30.0	33.5	1.005498	1.123594	0.5	11.7	20	
Benzo(k)fluoranthene	A	30.0	34.1	1.306436	1.485352	0.7	13.7	20	
Benzoic acid	A	30.0	47.9	0.1466198	0.2342479		59.8	20	*
Benzyl alcohol	A	30.0	32.5	0.9471812	1.025026		8.2	20	
Benzyl butyl phthalate	A	30.0	33.0	0.6526302	0.7169804		9.9	20	
Bis(2-chloroethoxy)methane	A	30.0	30.4	0.3612269	0.3660187	0.3	1.3	20	
Bis(2-chloroethyl)ether	A	30.0	31.7	1.354626	1.430498	0.7	5.6	20	
Bis(2-chloroisopropyl)ether	A	30.0	29.6	1.702433	1.676657	0.01	-1.5	20	
Bis(2-ethylhexyl)phthalate	A	30.0	33.1	0.9543974	1.054088		10.4	20	
Caprolactam	A	30.0	31.5	9.763401E-02	0.1024612	0.01	4.9	20	
Carbazole	A	30.0	32.3	1.092541	1.174843	0.01	7.5	20	
Chrysene	A	30.0	32.8	1.155958	1.264598	0.7	9.4	20	
Dibenzo(a,h)anthracene	A	30.0	33.5	1.083499	1.211458	0.4	11.8	20	
Dibenzofuran	A	30.0	31.4	1.483019	1.551179	0.8	4.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324849.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1443	Injection Date:	01/14/25
Lab Sample ID:	S5A1443-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	32.7	1.220568	1.331814	0.01	9.1	20	
Dimethyl phthalate	A	30.0	32.4	1.150894	1.244944	0.01	8.2	20	
Di-n-butyl phthalate	A	30.0	31.9	1.299668	1.380318	0.01	6.2	20	
Di-n-octyl phthalate	A	30.0	35.2	1.642869	1.930519	0.01	17.5	20	
Diphenylamine	A	30.0	30.6	0.6599637	0.6735995		2.1	20	
Fluoranthene	A	30.0	33.0	1.015022	1.117206	0.6	10.1	20	
Fluorene	A	30.0	32.2	1.256116	1.349174	0.9	7.4	20	
Hexachlorobenzene	A	30.0	30.2	8.859345E-02	8.917993E-02	0.1	0.7	20	
Hexachlorobutadiene	A	30.0	29.9	9.765402E-02	9.732475E-02	0.01	-0.3	20	
Hexachlorocyclopentadiene	A	30.0	33.8	0.2081762	0.2346729	0.05	12.7	20	
Hexachloroethane	A	30.0	30.9	0.5633742	0.5806607	0.3	3.1	20	
Indeno(1,2,3-cd)pyrene	A	30.0	35.0	1.012589	1.179542	0.5	16.5	20	
Isophorone	A	30.0	31.4	0.6006721	0.6286403	0.4	4.7	20	
Naphthalene	A	30.0	30.0	0.9440583	0.9449907	0.7	0.1	20	
Nitrobenzene	A	30.0	31.8	0.3010038	0.3186003	0.2	5.8	20	
N-Nitrosodimethylamine	A	30.0	33.0	0.750829	0.8248064		9.9	20	
N-nitroso-di-n-propylamine	A	30.0	30.6	1.16671	1.191924	0.5	2.2	20	
N-Nitrosodiphenylamine	A	30.0	30.1	0.224054	0.2244943	0.01	0.2	20	
Parathion	A	30.0	42.8	0.1133261	0.1615959		42.6	20	*
Pentachloronitrobenzene	A	30.0	33.9	5.945581E-02	6.710681E-02		12.9	20	
Pentachlorophenol	A	30.0	52.0	7.818986E-02	0.135396	0.05	73.2	20	*
Phenanthrene	A	30.0	30.6	1.090223	1.111876	0.7	2.0	20	
Phenol	A	30.0	33.0	1.630135	1.793872	0.8	10.0	20	
Pyrene	A	30.0	31.9	1.195195	1.269523	0.6	6.2	20	
Pyridine	A	30.0	41.5	0.9433678	1.304322		38.3	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50677	Laboratory ID:	BA50677-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.460	46.0	25 - 116
Acenaphthylene	1.00	0.490	49.0	26 - 116
Anthracene	1.00	0.490	49.0	25 - 123
Benzo(a)anthracene	1.00	0.540	54.0	33 - 125
Benzo(a)pyrene	1.00	0.540	54.0	32 - 132
Benzo(b)fluoranthene	1.00	0.520	52.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.770	77.0	10 - 138
Benzo(k)fluoranthene	1.00	0.660	66.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	0.810	81.0	10 - 189
Chrysene	1.00	0.520	52.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.640	64.0	16 - 133
Fluoranthene	1.00	0.610	61.0	32 - 121
Fluorene	1.00	0.480	48.0	28 - 118
Hexachlorobenzene	1.00	0.550	55.0	23 - 124
Hexachlorobutadiene	1.00	ND	*	15 - 123
Hexachloroethane	1.00	ND	*	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.640	64.0	15 - 135
Naphthalene	1.00	0.430	43.0	18 - 120
Nitrobenzene	1.00	ND	*	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	ND	*	10 - 156
Phenanthrene	1.00	0.490	49.0	24 - 127
Pyrene	1.00	0.490	49.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SK40012
Instrument: BNA #5
Calibration Date: 11/05/24 13:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	0.9887342	11.14399	12.13	8.457341E-03			20	
Acenaphthylene	1.420108	12.55821	11.87	8.64259E-03			20	
Anthracene	0.9563122	14.41276	14.26125	2.919802E-02			20	
Atrazine	0.2203248	11.00646	13.8	1.315044E-02			20	
Benzo(a)anthracene	1.17899	20.45919	17.95	2.125861E-02			20	*
Benzo(a)pyrene	0.9134129	18.49378	19.8325	1.568902E-02			20	
Benzo(b)fluoranthene	1.045785	19.83221	19.4125	0.0310444			20	
Benzo(g,h,i)perylene	0.9350796	17.76854	21.83125	2.668692E-02			20	
Benzo(k)fluoranthene	1.036137	21.0152	19.44125	2.608375E-02			20	*
Bis(2-ethylhexyl)phthalate	0.6528774	12.55777	18	0			20	
Chrysene	1.223503	13.3512	18.01125	2.031485E-02			20	
Dibenzo(a,h)anthracene	1.143599	25.21709	21.40875	3.052435E-02			20	*
Fluoranthene	1.171339	16.96577	15.9125	2.921035E-02			20	
Fluorene	1.250367	11.57366	12.84	1.519908E-02			20	
Hexachlorobenzene	0.1970916	19.42677	13.74	1.561568E-02			20	
Hexachlorobutadiene	0.2736976	7.998997	9.92	1.128517E-02			20	
Hexachloroethane	0.3389355	10.33828	8.681429	4.582514E-02			20	
Indeno(1,2,3-cd)pyrene	1.345565	24.63384	21.40625	3.607127E-02			20	*
Naphthalene	0.9891459	10.66957	9.7	2.152554E-03			20	
Nitrobenzene	0.8344922	11.92205	8.807143	5.176218E-02			20	
N-Nitrosodimethylamine	0.3672895	15.00729	4.99	1.963032E-02			20	
Pentachlorophenol	7.325545E-02	11.28404	13.99	7.001807E-03			20	
Phenanthrene	1.027868	14.55285	14.2	1.650528E-02			20	
Pyrene	1.184109	15.18974	16.24	2.393477E-02			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SK40012
Laboratory ID: S4K0820-SCV1
Sequence: S4K0820
Standard ID: S24G281

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Acenaphthene	1.00	1.13	13.0	30.00
Acenaphthylene	1.00	1.16	16.0	30.00
Anthracene	1.00	1.23	23.0	30.00
Benzo(a)anthracene	1.00	1.06	6.0	30.00
Benzo(a)pyrene	1.00	1.12	12.0	30.00
Benzo(b)fluoranthene	1.00	1.01	1.0	30.00
Benzo(g,h,i)perylene	1.00	1.15	15.0	30.00
Benzo(k)fluoranthene	1.00	1.01	1.0	30.00
Bis(2-ethylhexyl)phthalate	1.00	1.29	29.0	30.00
Chrysene	1.00	1.02	2.0	30.00
Dibenzo(a,h)anthracene	1.00	1.02	2.0	30.00
Fluoranthene	1.00	1.13	13.0	30.00
Fluorene	1.00	1.14	14.0	30.00
Hexachlorobenzene	1.00	1.17	17.0	30.00
Hexachlorobutadiene	1.00	1.04	4.0	30.00
Hexachloroethane	1.00	0.850	-15.0	30.00
Indeno(1,2,3-cd)pyrene	1.00	1.05	5.0	30.00
Naphthalene	1.00	1.10	10.0	30.00
Nitrobenzene	1.00	0.460	-54.0 *	30.00
N-Nitrosodimethylamine	1.00	0.820	-18.0	30.00
Pentachlorophenol	1.00	1.16	16.0	30.00
Phenanthrene	1.00	1.02	2.0	30.00
Pyrene	1.00	1.00	0.0	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #5	Calibration:	SK40012
Lab File ID:	SV501426.D	Calibration Date:	11/05/24 13:00
Sequence:	S5A1436	Injection Date:	01/14/25
Lab Sample ID:	S5A1436-CCV1	Injection Time:	08:52

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	1.01	0.9887342	0.9992465		1.1	30	
Acenaphthylene	A	1.00	0.960	1.420108	1.358383		-4.3	30	
Anthracene	A	1.00	1.08	0.9563122	1.029008		7.6	30	
Atrazine	A	2.50	2.50	0.2203248	0.2204884		0.07	30	
Benzo(a)anthracene	A	1.00	0.910	1.17899	1.072572		-9.0	30	
Benzo(a)pyrene	A	1.00	1.19	0.9134129	1.083908		18.7	30	
Benzo(b)fluoranthene	A	1.00	0.890	1.045785	0.9345453		-10.6	30	
Benzo(g,h,i)perylene	A	1.00	1.18	0.9350796	1.102863		17.9	30	
Benzo(k)fluoranthene	A	1.00	1.28	1.036137	1.329965		28.4	30	
Bis(2-ethylhexyl)phthalate	A	2.50	2.71	0.6528774	0.7080237		8.4	30	
Chrysene	A	1.00	0.830	1.223503	1.01386		-17.1	30	
Dibenzo(a,h)anthracene	A	1.00	0.960	1.143599	1.095367		-4.2	30	
Fluoranthene	A	1.00	1.06	1.171339	1.243896		6.2	30	
Fluorene	A	1.00	0.940	1.250367	1.170153		-6.4	30	
Hexachlorobenzene	A	0.100	0.100	0.1970916	0.1906742		-3.3	30	
Hexachlorobutadiene	A	2.50	2.48	0.2736976	0.2712005		-0.9	30	
Hexachloroethane	A	2.50	2.25	0.3389355	0.3057003		-9.8	30	
Indeno(1,2,3-cd)pyrene	A	1.00	1.03	1.345565	1.3839		2.8	30	
Naphthalene	A	1.00	1.02	0.9891459	1.010379		2.1	30	
Nitrobenzene	A	2.50	0.920	0.8344922	0.6171929		-26.0	30	
N-Nitrosodimethylamine	A	2.50	1.86	0.3672895	0.273746		-25.5	30	
Pentachlorophenol	A	1.50	0.0900	7.325545E-02	4.293832E-03		-94.1	30	*
Phenanthrene	A	1.00	0.820	1.027868	0.8454009		-17.8	30	
Pyrene	A	1.00	0.910	1.184109	1.077716		-9.0	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1618	Instrument:	MSBNA8
		Calibration:	SA50021

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1618-CCV1)			Lab File ID: E800081481.D		Analyzed: 01/16/25 12:08			
1,4-Dioxane-d8	0.500	106	80 - 120	5.205	5.19825	0.0068	+/-1.00	
UIC002 (25A0469-02)			Lab File ID: E800081482.D		Analyzed: 01/16/25 12:25			
1,4-Dioxane-d8	481	190	39 - 127.5	5.199	5.19825	0.0008	+/-1.00	*
UIC004 (25A0469-04)			Lab File ID: E800081483.D		Analyzed: 01/16/25 12:42			
1,4-Dioxane-d8	481	144	39 - 127.5	5.193	5.19825	-0.0053	+/-1.00	*
Calibration Check (S5A1618-CCV3)			Lab File ID: E800081498.D		Analyzed: 01/16/25 17:08			
1,4-Dioxane-d8	0.500	116	80 - 120	5.196	5.19825	-0.0023	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1335
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50650-BLK1)			Lab File ID: QQQ48908.d		Analyzed: 01/13/25 19:39			
M3PFBS	23.3	104	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	25.0	103	25 - 150	6.334883	6.176775	0.1581	+/-1.00	
M4PFHpA	25.0	116	25 - 150	7.2255	6.964667	0.2608	+/-1.00	
M3PFHxS	23.7	105	25 - 150	7.34515	7.059694	0.2855	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	92.8	25 - 150	7.95	7.608802	0.3412	+/-1.00	
M6PFDA	12.5	114	25 - 150	9.090466	8.72274	0.3677	+/-1.00	
M7PFUdA	12.5	95.1	25 - 150	9.515017	9.194471	0.3205	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	72.7	25 - 150	9.87495	9.613558	0.2614	+/-1.00	
M2PFTeDA	12.5	51.0	10 - 150	10.45132	10.30281	0.1485	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	2.41	25 - 150	1.09465	1.212835	-0.1182	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.9	98.5	25 - 150	8.616	8.230688	0.3853	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	56.5	25 - 150	4.366333	4.464844	-0.0985	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	110	10 - 150	9.638567	9.329721	0.3088	+/-1.00	
d3-N-MeFOSAA	50.0	97.3	25 - 150	9.282316	8.937294	0.3450	+/-1.00	
d5-N-EtFOSAA	50.0	110	25 - 150	9.495317	9.17374	0.3216	+/-1.00	
M2-6:2 FTS	47.5	66.2	25 - 200	7.893367	7.551135	0.3422	+/-1.00	
M2-8:2 FTS	48.0	71.3	25 - 200	9.0522	8.687194	0.3650	+/-1.00	
M9PFNA	12.5	114	25 - 150	8.571417	8.190992	0.3804	+/-1.00	
M2-4:2 FTS	46.9	71.5	25 - 150	6.259634	6.10806	0.1516	+/-1.00	
d-N-MeFOSA	25.0	69.9	25 - 150	10.3669	10.21148	0.1554	+/-1.00	
d-N-EtFOSA	25.0	64.0	25 - 150	10.6773	10.49709	0.1802	+/-1.00	
M3HFPO-DA	100	90.9	25 - 150	6.642817	6.456387	0.1864	+/-1.00	
d9-N-EtFOSE	250	69.2	25 - 150	10.61898	10.459	0.1600	+/-1.00	
d7-N-MeFOSE	250	72.8	25 - 150	10.34492	10.18604	0.1589	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1335
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50650-BS1)			Lab File ID: QQQ48909.d		Analyzed: 01/13/25 20:37			
M3PFBS	23.3	107	25 - 150	5.659717	5.341737	0.3180	+/-1.00	
M5PFHxA	25.0	88.8	25 - 150	6.502017	6.176775	0.3252	+/-1.00	
M4PFHpA	25.0	107	25 - 150	7.337067	6.964667	0.3724	+/-1.00	
M3PFHxS	23.7	109	25 - 150	7.447367	7.059694	0.3877	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	98.8	25 - 150	8.024417	7.608802	0.4156	+/-1.00	
M6PFDA	12.5	123	25 - 150	9.09995	8.72274	0.3772	+/-1.00	
M7PFUdA	12.5	104	25 - 150	9.515017	9.194471	0.3205	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	82.3	25 - 150	9.884183	9.613558	0.2706	+/-1.00	
M2PFTeDA	12.5	55.6	10 - 150	10.46975	10.30281	0.1669	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	2.82	25 - 150	1.259883	1.212835	0.0470	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	113	25 - 150	8.643817	8.230688	0.4131	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	49.1	25 - 150	4.755567	4.464844	0.2907	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	110	10 - 150	9.67555	9.329721	0.3458	+/-1.00	
d3-N-MeFOSAA	50.0	96.1	25 - 150	9.2916	8.937294	0.3543	+/-1.00	
d5-N-EtFOSAA	50.0	101	25 - 150	9.504583	9.17374	0.3308	+/-1.00	
M2-6:2 FTS	47.6	102	25 - 200	7.958583	7.551135	0.4074	+/-1.00	
M2-8:2 FTS	48.0	109	25 - 200	9.061867	8.687194	0.3747	+/-1.00	
M9PFNA	12.5	106	25 - 150	8.608517	8.190992	0.4175	+/-1.00	
M2-4:2 FTS	46.9	93.0	25 - 150	6.426617	6.10806	0.3186	+/-1.00	
d-N-MeFOSA	25.0	66.6	25 - 150	10.35768	10.21148	0.1462	+/-1.00	
d-N-EtFOSA	25.0	54.8	25 - 150	10.64968	10.49709	0.1526	+/-1.00	
M3HFPO-DA	100	85.5	25 - 150	6.800183	6.456387	0.3438	+/-1.00	
d9-N-EtFOSE	250	91.1	25 - 150	10.58217	10.459	0.1232	+/-1.00	
d7-N-MeFOSE	250	81.8	25 - 150	10.3265	10.18604	0.1405	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50651-BLK1)			Lab File ID: QQQ48920.d		Analyzed: 01/14/25 13:48			
M3PFBS	2.30	108	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.47	93.9	25 - 150	6.186033	6.176775	0.0093	+/-1.00	
M4PFHpA	2.47	96.3	25 - 150	7.021883	6.964667	0.0572	+/-1.00	
M3PFHxS	2.34	113	25 - 150	7.13135	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.47	114	25 - 150	7.717467	7.608802	0.1087	+/-1.00	
M6PFDA	1.24	99.7	25 - 150	8.837667	8.72274	0.1149	+/-1.00	
M7PFUdA	1.24	84.8	25 - 150	9.273233	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	88.6	25 - 150	9.64245	9.613558	0.0289	+/-1.00	
M2PFTeDA	1.24	59.2	10 - 150	10.23948	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.88	2.36	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.37	100	25 - 150	8.356216	8.230688	0.1255	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.94	59.0	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.47	91.7	10 - 150	9.38875	9.329721	0.0590	+/-1.00	
d3-N-MeFOSAA	4.94	82.1	25 - 150	9.04095	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	4.94	86.6	25 - 150	9.262983	9.17374	0.0892	+/-1.00	
M2-6:2 FTS	4.70	91.6	25 - 200	7.661	7.551135	0.1099	+/-1.00	
M2-8:2 FTS	4.74	80.8	25 - 200	8.799817	8.687194	0.1126	+/-1.00	
M9PFNA	1.24	124	25 - 150	8.321033	8.190992	0.1300	+/-1.00	
M2-4:2 FTS	4.63	87.5	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	2.47	83.3	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	2.47	82.6	25 - 150	10.35565	10.49709	-0.1414	+/-1.00	
M3HFPO-DA	9.88	97.8	25 - 150	6.476067	6.456387	0.0197	+/-1.00	
d9-N-EtFOSE	24.7	60.8	25 - 150	10.32545	10.459	-0.1336	+/-1.00	
d7-N-MeFOSE	24.7	59.3	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50651-BS1)			Lab File ID: QQQ48921.d		Analyzed: 01/14/25 14:04			
M3PFBS	2.31	96.7	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.48	103	25 - 150	6.186017	6.176775	0.0092	+/-1.00	
M4PFHpA	2.48	102	25 - 150	7.021883	6.964667	0.0572	+/-1.00	
M3PFHxS	2.35	100	25 - 150	7.13135	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.48	100	25 - 150	7.717467	7.608802	0.1087	+/-1.00	
M6PFDA	1.24	98.4	25 - 150	8.837667	8.72274	0.1149	+/-1.00	
M7PFUdA	1.24	95.0	25 - 150	9.273233	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	84.8	25 - 150	9.64245	9.613558	0.0289	+/-1.00	
M2PFTeDA	1.24	75.9	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.90	2.82	25 - 150	1.32415	1.212835	0.1113	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.37	108	25 - 150	8.356216	8.230688	0.1255	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.95	58.7	25 - 150	4.690383	4.464844	0.2255	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.48	94.5	10 - 150	9.388733	9.329721	0.0590	+/-1.00	
d3-N-MeFOSAA	4.95	85.9	25 - 150	9.040967	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	4.95	90.9	25 - 150	9.262983	9.17374	0.0892	+/-1.00	
M2-6:2 FTS	4.71	87.6	25 - 200	7.650434	7.551135	0.0993	+/-1.00	
M2-8:2 FTS	4.75	76.1	25 - 200	8.799817	8.687194	0.1126	+/-1.00	
M9PFNA	1.24	97.1	25 - 150	8.321033	8.190992	0.1300	+/-1.00	
M2-4:2 FTS	4.64	82.4	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	2.48	85.7	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	2.48	86.2	25 - 150	10.36485	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	9.90	98.1	25 - 150	6.476067	6.456387	0.0197	+/-1.00	
d9-N-EtFOSE	24.8	66.0	25 - 150	10.32545	10.459	-0.1336	+/-1.00	
d7-N-MeFOSE	24.8	70.6	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50651-BS2)			Lab File ID: QQQ48922.d		Analyzed: 01/14/25 14:20			
M3PFBS	2.31	109	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.48	94.2	25 - 150	6.195267	6.176775	0.0185	+/-1.00	
M4PFHpA	2.48	102	25 - 150	7.031133	6.964667	0.0665	+/-1.00	
M3PFHxS	2.35	114	25 - 150	7.13135	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.48	100	25 - 150	7.72675	7.608802	0.1179	+/-1.00	
M6PFDA	1.24	114	25 - 150	8.8377	8.72274	0.1150	+/-1.00	
M7PFUdA	1.24	112	25 - 150	9.273267	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	90.3	25 - 150	9.642484	9.613558	0.0289	+/-1.00	
M2PFTeDA	1.24	66.8	10 - 150	10.24873	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.92	2.05	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.38	98.4	25 - 150	8.35625	8.230688	0.1256	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.96	47.8	25 - 150	4.681183	4.464844	0.2163	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.48	94.2	10 - 150	9.388783	9.329721	0.0591	+/-1.00	
d3-N-MeFOSAA	4.96	87.7	25 - 150	9.041	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	4.96	85.7	25 - 150	9.263017	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	4.72	94.1	25 - 200	7.661016	7.551135	0.1099	+/-1.00	
M2-8:2 FTS	4.76	82.4	25 - 200	8.809134	8.687194	0.1219	+/-1.00	
M9PFNA	1.24	92.0	25 - 150	8.330334	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	4.65	89.0	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	2.48	77.4	25 - 150	10.11835	10.21148	-0.0931	+/-1.00	
d-N-EtFOSA	2.48	73.0	25 - 150	10.36488	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	9.92	96.6	25 - 150	6.476067	6.456387	0.0197	+/-1.00	
d9-N-EtFOSE	24.8	59.4	25 - 150	10.32548	10.459	-0.1335	+/-1.00	
d7-N-MeFOSE	24.8	67.9	25 - 150	10.08632	10.18604	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50650-BS2)			Lab File ID: QQQ48923.d		Analyzed: 01/14/25 14:36			
M3PFBS	23.3	99.6	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	25.0	96.5	25 - 150	6.195283	6.176775	0.0185	+/-1.00	
M4PFHpA	25.0	93.5	25 - 150	7.03115	6.964667	0.0665	+/-1.00	
M3PFHxS	23.7	102	25 - 150	7.131383	7.059694	0.0717	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	108	25 - 150	7.7175	7.608802	0.1087	+/-1.00	
M6PFDA	12.5	128	25 - 150	8.8377	8.72274	0.1150	+/-1.00	
M7PFUdA	12.5	124	25 - 150	9.273283	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	106	25 - 150	9.642484	9.613558	0.0289	+/-1.00	
M2PFTeDA	12.5	76.4	10 - 150	10.24873	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	2.10	25 - 150	1.32415	1.212835	0.1113	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	94.7	25 - 150	8.35625	8.230688	0.1256	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	48.3	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	91.4	10 - 150	9.388783	9.329721	0.0591	+/-1.00	
d3-N-MeFOSAA	50.0	83.9	25 - 150	9.041	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	50.0	85.3	25 - 150	9.263017	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	47.6	84.8	25 - 200	7.661033	7.551135	0.1099	+/-1.00	
M2-8:2 FTS	48.0	74.0	25 - 200	8.80915	8.687194	0.1220	+/-1.00	
M9PFNA	12.5	97.3	25 - 150	8.330334	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	46.9	79.6	25 - 150	6.119617	6.10806	0.0116	+/-1.00	
d-N-MeFOSA	25.0	75.3	25 - 150	10.11835	10.21148	-0.0931	+/-1.00	
d-N-EtFOSA	25.0	76.5	25 - 150	10.36488	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	100	101	25 - 150	6.485333	6.456387	0.0289	+/-1.00	
d9-N-EtFOSE	250	59.9	25 - 150	10.32548	10.459	-0.1335	+/-1.00	
d7-N-MeFOSE	250	68.5	25 - 150	10.08632	10.18604	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank 010825 (25A0469-12)			Lab File ID: QQQ48966.d		Analyzed: 01/15/25 02:11			
M3PFBS	22.2	127	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	23.9	121	25 - 150	6.167517	6.176775	-0.0093	+/-1.00	
M4PFHpA	23.9	116	25 - 150	6.91895	6.964667	-0.0457	+/-1.00	
M3PFHxS	22.6	131	25 - 150	7.011133	7.059694	-0.0486	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.9	124	25 - 150	7.548367	7.608802	-0.0604	+/-1.00	
M6PFDA	11.9	111	25 - 150	8.6428	8.72274	-0.0799	+/-1.00	
M7PFUdA	11.9	122	25 - 150	9.115434	9.194471	-0.0790	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	112	25 - 150	9.540717	9.613558	-0.0728	+/-1.00	
M2PFTeDA	11.9	93.1	10 - 150	10.2579	10.30281	-0.0449	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.5	4.12	25 - 150	1.397583	1.212835	0.1847	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.9	113	25 - 150	8.141117	8.230688	-0.0896	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.7	75.8	25 - 150	4.75555	4.464844	0.2907	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.9	105	10 - 150	9.249733	9.329721	-0.0800	+/-1.00	
d3-N-MeFOSAA	47.7	109	25 - 150	8.854716	8.937294	-0.0826	+/-1.00	
d5-N-EtFOSAA	47.7	113	25 - 150	9.105184	9.17374	-0.0686	+/-1.00	
M2-6:2 FTS	45.4	95.4	25 - 200	7.491617	7.551135	-0.0595	+/-1.00	
M2-8:2 FTS	45.8	91.9	25 - 200	8.60495	8.687194	-0.0822	+/-1.00	
M9PFNA	11.9	116	25 - 150	8.114883	8.190992	-0.0761	+/-1.00	
M2-4:2 FTS	44.8	94.3	25 - 150	6.101133	6.10806	-0.0069	+/-1.00	
d-N-MeFOSA	23.9	109	25 - 150	10.1183	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	23.9	102	25 - 150	10.4109	10.49709	-0.0862	+/-1.00	
M3HFPO-DA	95.5	111	25 - 150	6.429667	6.456387	-0.0267	+/-1.00	
d9-N-EtFOSE	239	84.3	25 - 150	10.36228	10.459	-0.0967	+/-1.00	
d7-N-MeFOSE	239	78.8	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Equipment Blank 010825 (25A0469-13)			Lab File ID: QQQ48967.d		Analyzed: 01/15/25 02:27			
M3PFBS	25.5	125	25 - 150	5.436633	5.341737	0.0949	+/-1.00	
M5PFHxA	27.4	102	25 - 150	6.176784	6.176775	0.0000	+/-1.00	
M4PFHpA	27.4	104	25 - 150	6.909717	6.964667	-0.0550	+/-1.00	
M3PFHxS	26.0	124	25 - 150	6.9922	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	27.4	101	25 - 150	7.529817	7.608802	-0.0790	+/-1.00	
M6PFDA	13.7	120	25 - 150	8.605766	8.72274	-0.1170	+/-1.00	
M7PFUdA	13.7	111	25 - 150	9.078417	9.194471	-0.1161	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	13.7	88.6	25 - 150	9.503417	9.613558	-0.1101	+/-1.00	
M2PFTeDA	13.7	73.0	10 - 150	10.22108	10.30281	-0.0817	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	110	4.71	25 - 150	1.3884	1.212835	0.1756	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	26.2	102	25 - 150	8.113317	8.230688	-0.1174	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	54.8	72.9	25 - 150	4.7648	4.464844	0.3000	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	27.4	97.4	10 - 150	9.212684	9.329721	-0.1170	+/-1.00	
d3-N-MeFOSAA	54.8	103	25 - 150	8.826083	8.937294	-0.1112	+/-1.00	
d5-N-EtFOSAA	54.8	113	25 - 150	9.06815	9.17374	-0.1056	+/-1.00	
M2-6:2 FTS	52.1	96.0	25 - 200	7.4731	7.551135	-0.0780	+/-1.00	
M2-8:2 FTS	52.6	93.5	25 - 200	8.5679	8.687194	-0.1193	+/-1.00	
M9PFNA	13.7	104	25 - 150	8.087067	8.190992	-0.1039	+/-1.00	
M2-4:2 FTS	51.4	95.1	25 - 150	6.110384	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	27.4	109	25 - 150	10.08145	10.21148	-0.1300	+/-1.00	
d-N-EtFOSA	27.4	96.9	25 - 150	10.3741	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	110	104	25 - 150	6.429683	6.456387	-0.0267	+/-1.00	
d9-N-EtFOSE	274	79.9	25 - 150	10.32548	10.459	-0.1335	+/-1.00	
d7-N-MeFOSE	274	78.1	25 - 150	10.04943	10.18604	-0.1366	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC001 (25A0469-01)			Lab File ID: QQQ49002.d		Analyzed: 01/15/25 13:21			
M3PFBS	2.71	115	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	2.91	107	25 - 150	6.167533	6.176775	-0.0092	+/-1.00	
M4PFHpA	2.91	97.9	25 - 150	6.928216	6.964667	-0.0365	+/-1.00	
M3PFHxS	2.76	116	25 - 150	7.020383	7.059694	-0.0393	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.91	98.2	25 - 150	7.55765	7.608802	-0.0512	+/-1.00	
M6PFDA	1.45	120	25 - 150	8.661333	8.72274	-0.0614	+/-1.00	
M7PFUdA	1.45	116	25 - 150	9.143267	9.194471	-0.0512	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.45	101	25 - 150	9.559216	9.613558	-0.0543	+/-1.00	
M2PFTeDA	1.45	81.8	10 - 150	10.24868	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.6	63.4	25 - 150	1.360867	1.212835	0.1480	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.79	139	25 - 150	8.169567	8.230688	-0.0611	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.82	108	25 - 150	4.727883	4.464844	0.2630	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.91	83.9	10 - 150	9.2868	9.329721	-0.0429	+/-1.00	
d3-N-MeFOSAA	5.82	116	25 - 150	8.882566	8.937294	-0.0547	+/-1.00	
d5-N-EtFOSAA	5.82	119	25 - 150	9.12375	9.17374	-0.0500	+/-1.00	
M2-6:2 FTS	5.53	238	25 - 200	7.510167	7.551135	-0.0410	+/-1.00	*
M2-8:2 FTS	5.58	216	25 - 200	8.63275	8.687194	-0.0544	+/-1.00	*
M9PFNA	1.45	121	25 - 150	8.13345	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	5.46	171	25 - 150	6.101133	6.10806	-0.0069	+/-1.00	*
d-N-MeFOSA	2.91	44.6	25 - 150	10.12753	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2.91	36.8	25 - 150	10.4109	10.49709	-0.0862	+/-1.00	
M3HFPO-DA	11.6	107	25 - 150	6.429667	6.456387	-0.0267	+/-1.00	
d9-N-EtFOSE	29.1	43.1	25 - 150	10.3715	10.459	-0.0875	+/-1.00	
d7-N-MeFOSE	29.1	45.5	25 - 150	10.0955	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC002 (25A0469-02)			Lab File ID: QQQ49003.d		Analyzed: 01/15/25 13:38			
M3PFBS	5.35	121	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	5.74	114	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	5.74	76.5	25 - 150	6.918967	6.964667	-0.0457	+/-1.00	
M3PFHxS	5.44	112	25 - 150	7.01115	7.059694	-0.0485	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	5.74	121	25 - 150	7.548367	7.608802	-0.0604	+/-1.00	
M6PFDA	2.87	128	25 - 150	8.652066	8.72274	-0.0707	+/-1.00	
M7PFUdA	2.87	112	25 - 150	9.134	9.194471	-0.0605	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.87	94.8	25 - 150	9.549983	9.613558	-0.0636	+/-1.00	
M2PFTeDA	2.87	75.5	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	23.0	89.3	25 - 150	1.37005	1.212835	0.1572	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	5.50	149	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	11.5	132	25 - 150	4.718017	4.464844	0.2532	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.74	71.1	10 - 150	9.296083	9.329721	-0.0336	+/-1.00	
d3-N-MeFOSAA	11.5	96.8	25 - 150	8.873283	8.937294	-0.0640	+/-1.00	
d5-N-EtFOSAA	11.5	96.6	25 - 150	9.114467	9.17374	-0.0593	+/-1.00	
M2-6:2 FTS	10.9	268	25 - 200	7.5009	7.551135	-0.0502	+/-1.00	*
M2-8:2 FTS	11.0	213	25 - 200	8.623484	8.687194	-0.0637	+/-1.00	*
M9PFNA	2.87	114	25 - 150	8.124166	8.190992	-0.0668	+/-1.00	
M2-4:2 FTS	10.8	231	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	*
d-N-MeFOSA	5.74	33.2	25 - 150	10.15518	10.21148	-0.0563	+/-1.00	
d-N-EtFOSA	5.74	28.3	25 - 150	10.43853	10.49709	-0.0586	+/-1.00	
M3HFPO-DA	23.0	102	25 - 150	6.420417	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	57.4	35.6	25 - 150	10.39913	10.459	-0.0599	+/-1.00	
d7-N-MeFOSE	57.4	43.2	25 - 150	10.12317	10.18604	-0.0629	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC003 (25A0469-03)			Lab File ID: QQQ49006.d		Analyzed: 01/15/25 14:26			
M3PFBS	3.04	118	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	3.27	118	25 - 150	6.1583	6.176775	-0.0185	+/-1.00	
M4PFHpA	3.27	100	25 - 150	6.937483	6.964667	-0.0272	+/-1.00	
M3PFHxS	3.10	124	25 - 150	7.0389	7.059694	-0.0208	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.27	120	25 - 150	7.576233	7.608802	-0.0326	+/-1.00	
M6PFDA	1.63	131	25 - 150	8.670617	8.72274	-0.0521	+/-1.00	
M7PFUdA	1.63	115	25 - 150	9.134	9.194471	-0.0605	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.63	87.8	25 - 150	9.549983	9.613558	-0.0636	+/-1.00	
M2PFTeDA	1.63	49.3	10 - 150	10.23028	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	13.1	34.6	25 - 150	1.360867	1.212835	0.1480	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.13	144	25 - 150	8.18815	8.230688	-0.0425	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.53	106	25 - 150	4.6996	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.27	75.5	10 - 150	9.30535	9.329721	-0.0244	+/-1.00	
d3-N-MeFOSAA	6.53	107	25 - 150	8.882584	8.937294	-0.0547	+/-1.00	
d5-N-EtFOSAA	6.53	103	25 - 150	9.12375	9.17374	-0.0500	+/-1.00	
M2-6:2 FTS	6.21	230	25 - 200	7.5291	7.551135	-0.0220	+/-1.00	*
M2-8:2 FTS	6.27	204	25 - 200	8.642034	8.687194	-0.0452	+/-1.00	*
M9PFNA	1.63	118	25 - 150	8.152017	8.190992	-0.0390	+/-1.00	
M2-4:2 FTS	6.13	185	25 - 150	6.091917	6.10806	-0.0161	+/-1.00	*
d-N-MeFOSA	3.27	35.8	25 - 150	10.1552	10.21148	-0.0563	+/-1.00	
d-N-EtFOSA	3.27	31.6	25 - 150	10.42933	10.49709	-0.0678	+/-1.00	
M3HFPO-DA	13.1	114	25 - 150	6.429683	6.456387	-0.0267	+/-1.00	
d9-N-EtFOSE	32.7	33.6	25 - 150	10.38992	10.459	-0.0691	+/-1.00	
d7-N-MeFOSE	32.7	45.3	25 - 150	10.11395	10.18604	-0.0721	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC004 (25A0469-04)			Lab File ID: QQQ49007.d		Analyzed: 01/15/25 14:43			
M3PFBS	3.60	111	25 - 150	5.408617	5.341737	0.0669	+/-1.00	
M5PFHxA	3.86	102	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	3.86	77.7	25 - 150	6.9097	6.964667	-0.0550	+/-1.00	
M3PFHxS	3.66	106	25 - 150	7.00145	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.86	126	25 - 150	7.5298	7.608802	-0.0790	+/-1.00	
M6PFDA	1.93	130	25 - 150	8.615	8.72274	-0.1077	+/-1.00	
M7PFUdA	1.93	81.5	25 - 150	9.087684	9.194471	-0.1068	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.93	53.0	25 - 150	9.5034	9.613558	-0.1102	+/-1.00	
M2PFTeDA	1.93	17.0	10 - 150	10.20265	10.30281	-0.1002	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	15.4	35.4	25 - 150	1.351683	1.212835	0.1388	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.70	156	25 - 150	8.122566	8.230688	-0.1081	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.72	106	25 - 150	4.7088	4.464844	0.2440	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.86	66.5	10 - 150	9.268283	9.329721	-0.0614	+/-1.00	
d3-N-MeFOSAA	7.72	96.5	25 - 150	8.826067	8.937294	-0.1112	+/-1.00	
d5-N-EtFOSAA	7.72	95.8	25 - 150	9.068133	9.17374	-0.1056	+/-1.00	
M2-6:2 FTS	7.34	238	25 - 200	7.48235	7.551135	-0.0688	+/-1.00	*
M2-8:2 FTS	7.41	181	25 - 200	8.57715	8.687194	-0.1100	+/-1.00	
M9PFNA	1.93	122	25 - 150	8.096316	8.190992	-0.0947	+/-1.00	
M2-4:2 FTS	7.24	183	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	*
d-N-MeFOSA	3.86	31.9	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	3.86	24.0	25 - 150	10.4017	10.49709	-0.0954	+/-1.00	*
M3HFPO-DA	15.4	95.6	25 - 150	6.4204	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	38.6	25.5	25 - 150	10.3715	10.459	-0.0875	+/-1.00	
d7-N-MeFOSE	38.6	30.8	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC005 (25A0469-05)			Lab File ID: QQQ49008.d		Analyzed: 01/15/25 14:59			
M3PFBS	3.82	116	25 - 150	5.390183	5.341737	0.0484	+/-1.00	
M5PFHxA	4.10	106	25 - 150	6.139283	6.176775	-0.0375	+/-1.00	
M4PFHpA	4.10	92.4	25 - 150	6.900466	6.964667	-0.0642	+/-1.00	
M3PFHxS	3.89	112	25 - 150	7.001467	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.10	117	25 - 150	7.548383	7.608802	-0.0604	+/-1.00	
M6PFDA	2.05	140	25 - 150	8.652083	8.72274	-0.0707	+/-1.00	
M7PFUdA	2.05	94.3	25 - 150	9.124717	9.194471	-0.0698	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	2.05	68.8	25 - 150	9.54075	9.613558	-0.0728	+/-1.00	
M2PFTeDA	2.05	30.3	10 - 150	10.23028	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	16.4	18.0	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.93	139	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	8.21	108	25 - 150	4.671216	4.464844	0.2064	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	4.10	87.9	10 - 150	9.30535	9.329721	-0.0244	+/-1.00	
d3-N-MeFOSAA	8.21	123	25 - 150	8.873283	8.937294	-0.0640	+/-1.00	
d5-N-EtFOSAA	8.21	108	25 - 150	9.114483	9.17374	-0.0593	+/-1.00	
M2-6:2 FTS	7.80	241	25 - 200	7.491633	7.551135	-0.0595	+/-1.00	*
M2-8:2 FTS	7.88	223	25 - 200	8.623484	8.687194	-0.0637	+/-1.00	*
M9PFNA	2.05	111	25 - 150	8.13345	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	7.70	177	25 - 150	6.073433	6.10806	-0.0346	+/-1.00	*
d-N-MeFOSA	4.10	34.7	25 - 150	10.14598	10.21148	-0.0655	+/-1.00	
d-N-EtFOSA	4.10	30.6	25 - 150	10.42933	10.49709	-0.0678	+/-1.00	
M3HFPO-DA	16.4	97.7	25 - 150	6.4019	6.456387	-0.0545	+/-1.00	
d9-N-EtFOSE	41.0	33.2	25 - 150	10.38993	10.459	-0.0691	+/-1.00	
d7-N-MeFOSE	41.0	45.0	25 - 150	10.11397	10.18604	-0.0721	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC007 (25A0469-07)			Lab File ID: QQQ49009.d		Analyzed: 01/15/25 15:15			
M3PFBS	2.60	114	25 - 150	5.40865	5.341737	0.0669	+/-1.00	
M5PFHxA	2.79	114	25 - 150	6.1583	6.176775	-0.0185	+/-1.00	
M4PFHpA	2.79	106	25 - 150	6.918967	6.964667	-0.0457	+/-1.00	
M3PFHxS	2.65	116	25 - 150	7.011167	7.059694	-0.0485	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.79	109	25 - 150	7.548383	7.608802	-0.0604	+/-1.00	
M6PFDA	1.40	112	25 - 150	8.652083	8.72274	-0.0707	+/-1.00	
M7PFUdA	1.40	92.6	25 - 150	9.124733	9.194471	-0.0697	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.40	77.5	25 - 150	9.540733	9.613558	-0.0728	+/-1.00	
M2PFTeDA	1.40	51.2	10 - 150	10.2395	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.2	87.0	25 - 150	1.3425	1.212835	0.1297	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.68	121	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.59	109	25 - 150	4.708817	4.464844	0.2440	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.79	105	10 - 150	9.296083	9.329721	-0.0336	+/-1.00	
d3-N-MeFOSAA	5.59	136	25 - 150	8.8733	8.937294	-0.0640	+/-1.00	
d5-N-EtFOSAA	5.59	139	25 - 150	9.114483	9.17374	-0.0593	+/-1.00	
M2-6:2 FTS	5.31	175	25 - 200	7.500916	7.551135	-0.0502	+/-1.00	
M2-8:2 FTS	5.36	202	25 - 200	8.6235	8.687194	-0.0637	+/-1.00	*
M9PFNA	1.40	130	25 - 150	8.133467	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	5.24	130	25 - 150	6.091917	6.10806	-0.0161	+/-1.00	
d-N-MeFOSA	2.79	47.5	25 - 150	10.14598	10.21148	-0.0655	+/-1.00	
d-N-EtFOSA	2.79	37.7	25 - 150	10.43855	10.49709	-0.0585	+/-1.00	
M3HFPO-DA	11.2	106	25 - 150	6.420434	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	27.9	45.8	25 - 150	10.38993	10.459	-0.0691	+/-1.00	
d7-N-MeFOSE	27.9	54.5	25 - 150	10.11395	10.18604	-0.0721	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC008 (25A0469-08)			Lab File ID: QQQ49010.d		Analyzed: 01/15/25 15:31			
M3PFBS	2.72	138	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.92	122	25 - 150	6.148517	6.176775	-0.0283	+/-1.00	
M4PFHpA	2.92	130	25 - 150	6.90045	6.964667	-0.0642	+/-1.00	
M3PFHxS	2.77	131	25 - 150	6.992183	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.92	123	25 - 150	7.539083	7.608802	-0.0697	+/-1.00	
M6PFDA	1.46	114	25 - 150	8.633533	8.72274	-0.0892	+/-1.00	
M7PFUdA	1.46	90.0	25 - 150	9.10615	9.194471	-0.0883	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.46	80.6	25 - 150	9.512633	9.613558	-0.1009	+/-1.00	
M2PFTeDA	1.46	80.1	10 - 150	10.19342	10.30281	-0.1094	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	11.7	71.8	25 - 150	1.3425	1.212835	0.1297	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.80	118	25 - 150	8.1504	8.230688	-0.0803	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.84	124	25 - 150	4.6996	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.92	111	10 - 150	9.268267	9.329721	-0.0615	+/-1.00	
d3-N-MeFOSAA	5.84	129	25 - 150	8.854716	8.937294	-0.0826	+/-1.00	
d5-N-EtFOSAA	5.84	142	25 - 150	9.08665	9.17374	-0.0871	+/-1.00	
M2-6:2 FTS	5.55	122	25 - 200	7.48235	7.551135	-0.0688	+/-1.00	
M2-8:2 FTS	5.61	182	25 - 200	8.604934	8.687194	-0.0823	+/-1.00	
M9PFNA	1.46	135	25 - 150	8.114883	8.190992	-0.0761	+/-1.00	
M2-4:2 FTS	5.48	111	25 - 150	6.08265	6.10806	-0.0254	+/-1.00	
d-N-MeFOSA	2.92	64.7	25 - 150	10.10908	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	2.92	42.0	25 - 150	10.39247	10.49709	-0.1046	+/-1.00	
M3HFPO-DA	11.7	121	25 - 150	6.41115	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	29.2	54.8	25 - 150	10.34385	10.459	-0.1152	+/-1.00	
d7-N-MeFOSE	29.2	63.5	25 - 150	10.07705	10.18604	-0.1090	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC009 (25A0469-09)			Lab File ID: QQQ49011.d		Analyzed: 01/15/25 15:47			
M3PFBS	2.54	124	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	2.73	107	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	2.73	108	25 - 150	6.900466	6.964667	-0.0642	+/-1.00	
M3PFHxS	2.59	119	25 - 150	6.992217	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.73	116	25 - 150	7.520216	7.608802	-0.0886	+/-1.00	
M6PFDA	1.36	105	25 - 150	8.605766	8.72274	-0.1170	+/-1.00	
M7PFUdA	1.36	83.6	25 - 150	9.069167	9.194471	-0.1253	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.36	74.4	25 - 150	9.494166	9.613558	-0.1194	+/-1.00	
M2PFTeDA	1.36	69.9	10 - 150	10.17503	10.30281	-0.1278	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.9	7.49	25 - 150	1.351683	1.212835	0.1388	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.61	116	25 - 150	8.113317	8.230688	-0.1174	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.46	92.4	25 - 150	4.737117	4.464844	0.2723	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.73	102	10 - 150	9.231234	9.329721	-0.0985	+/-1.00	
d3-N-MeFOSAA	5.46	112	25 - 150	8.8168	8.937294	-0.1205	+/-1.00	
d5-N-EtFOSAA	5.46	122	25 - 150	9.058884	9.17374	-0.1149	+/-1.00	
M2-6:2 FTS	5.19	104	25 - 200	7.463833	7.551135	-0.0873	+/-1.00	
M2-8:2 FTS	5.24	120	25 - 200	8.5679	8.687194	-0.1193	+/-1.00	
M9PFNA	1.36	120	25 - 150	8.087067	8.190992	-0.1039	+/-1.00	
M2-4:2 FTS	5.12	99.4	25 - 150	6.091917	6.10806	-0.0161	+/-1.00	
d-N-MeFOSA	2.73	48.9	25 - 150	10.08147	10.21148	-0.1300	+/-1.00	
d-N-EtFOSA	2.73	45.7	25 - 150	10.36488	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	10.9	102	25 - 150	6.420434	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	27.3	54.3	25 - 150	10.32547	10.459	-0.1335	+/-1.00	
d7-N-MeFOSE	27.3	49.3	25 - 150	10.04943	10.18604	-0.1366	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50775-BS2)			Lab File ID: QQQ49054.d		Analyzed: 01/16/25 11:28			
M3PFBS	2.32	112	25 - 150	5.41785	5.341737	0.0761	+/-1.00	
M5PFHxA	2.49	109	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	2.49	112	25 - 150	6.90045	6.964667	-0.0642	+/-1.00	
M3PFHxS	2.36	108	25 - 150	6.992183	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	94.3	25 - 150	7.5298	7.608802	-0.0790	+/-1.00	
M6PFDA	1.25	73.0	25 - 150	8.624267	8.72274	-0.0985	+/-1.00	
M7PFUdA	1.25	73.6	25 - 150	9.096884	9.194471	-0.0976	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	69.7	25 - 150	9.522233	9.613558	-0.0913	+/-1.00	
M2PFTeDA	1.25	59.2	10 - 150	10.22105	10.30281	-0.0818	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.96	5.50	25 - 150	1.379217	1.212835	0.1664	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	64.9	25 - 150	8.141133	8.230688	-0.0896	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.98	107	25 - 150	4.746333	4.464844	0.2815	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	68.6	10 - 150	9.221933	9.329721	-0.1078	+/-1.00	
d3-N-MeFOSAA	4.98	65.6	25 - 150	8.83535	8.937294	-0.1019	+/-1.00	
d5-N-EtFOSAA	4.98	67.3	25 - 150	9.077383	9.17374	-0.0964	+/-1.00	
M2-6:2 FTS	4.74	73.6	25 - 200	7.473083	7.551135	-0.0781	+/-1.00	
M2-8:2 FTS	4.78	63.8	25 - 200	8.595683	8.687194	-0.0915	+/-1.00	
M9PFNA	1.25	97.4	25 - 150	8.1056	8.190992	-0.0854	+/-1.00	
M2-4:2 FTS	4.67	80.8	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	2.49	56.1	25 - 150	10.09987	10.21148	-0.1116	+/-1.00	
d-N-EtFOSA	2.49	51.8	25 - 150	10.37405	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	9.96	102	25 - 150	6.41115	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	24.9	57.7	25 - 150	10.33465	10.459	-0.1244	+/-1.00	
d7-N-MeFOSE	24.9	60.9	25 - 150	10.06783	10.18604	-0.1182	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC006 (25A0469-06)			Lab File ID: QQQ49058.d		Analyzed: 01/16/25 12:43			
M3PFBS	3.34	118	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	3.58	109	25 - 150	6.139283	6.176775	-0.0375	+/-1.00	
M4PFHpA	3.58	109	25 - 150	6.90045	6.964667	-0.0642	+/-1.00	
M3PFHxS	3.39	116	25 - 150	6.9922	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.58	109	25 - 150	7.548383	7.608802	-0.0604	+/-1.00	
M6PFDA	1.79	95.3	25 - 150	8.670617	8.72274	-0.0521	+/-1.00	
M7PFUdA	1.79	93.9	25 - 150	9.15255	9.194471	-0.0419	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.79	92.6	25 - 150	9.568483	9.613558	-0.0451	+/-1.00	
M2PFTeDA	1.79	62.9	10 - 150	10.2579	10.30281	-0.0449	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.3	87.0	25 - 150	1.379217	1.212835	0.1664	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.43	134	25 - 150	8.178866	8.230688	-0.0518	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.16	113	25 - 150	4.718017	4.464844	0.2532	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.58	101	10 - 150	9.27755	9.329721	-0.0522	+/-1.00	
d3-N-MeFOSAA	7.16	118	25 - 150	8.891867	8.937294	-0.0454	+/-1.00	
d5-N-EtFOSAA	7.16	123	25 - 150	9.133034	9.17374	-0.0407	+/-1.00	
M2-6:2 FTS	6.81	132	25 - 200	7.491633	7.551135	-0.0595	+/-1.00	
M2-8:2 FTS	6.87	161	25 - 200	8.632767	8.687194	-0.0544	+/-1.00	
M9PFNA	1.79	110	25 - 150	8.142734	8.190992	-0.0483	+/-1.00	
M2-4:2 FTS	6.72	110	25 - 150	6.073417	6.10806	-0.0346	+/-1.00	
d-N-MeFOSA	3.58	64.6	25 - 150	10.14598	10.21148	-0.0655	+/-1.00	
d-N-EtFOSA	3.58	47.3	25 - 150	10.42933	10.49709	-0.0678	+/-1.00	
M3HFPO-DA	14.3	109	25 - 150	6.392633	6.456387	-0.0638	+/-1.00	
d9-N-EtFOSE	35.8	65.3	25 - 150	10.38992	10.459	-0.0691	+/-1.00	
d7-N-MeFOSE	35.8	70.4	25 - 150	10.11395	10.18604	-0.0721	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike (BA50775-MS2)			Lab File ID: QQQ49059.d		Analyzed: 01/16/25 12:59			
M3PFBS	3.32	121	25 - 150	5.436617	5.341737	0.0949	+/-1.00	
M5PFHxA	3.57	109	25 - 150	6.158267	6.176775	-0.0185	+/-1.00	
M4PFHpA	3.57	114	25 - 150	6.891183	6.964667	-0.0735	+/-1.00	
M3PFHxS	3.38	116	25 - 150	6.982917	7.059694	-0.0768	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.57	113	25 - 150	7.50165	7.608802	-0.1072	+/-1.00	
M6PFDA	1.78	112	25 - 150	8.577933	8.72274	-0.1448	+/-1.00	
M7PFUdA	1.78	112	25 - 150	9.05045	9.194471	-0.1440	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.78	104	25 - 150	9.484883	9.613558	-0.1287	+/-1.00	
M2PFTeDA	1.78	83.0	10 - 150	10.19343	10.30281	-0.1094	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.3	6.77	25 - 150	1.3884	1.212835	0.1756	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.42	123	25 - 150	8.094733	8.230688	-0.1360	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.13	115	25 - 150	4.75555	4.464844	0.2907	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.57	97.4	10 - 150	9.184867	9.329721	-0.1449	+/-1.00	
d3-N-MeFOSAA	7.13	114	25 - 150	8.798217	8.937294	-0.1391	+/-1.00	
d5-N-EtFOSAA	7.13	123	25 - 150	9.040083	9.17374	-0.1337	+/-1.00	
M2-6:2 FTS	6.78	144	25 - 200	7.454533	7.551135	-0.0966	+/-1.00	
M2-8:2 FTS	6.85	163	25 - 200	8.54935	8.687194	-0.1378	+/-1.00	
M9PFNA	1.78	120	25 - 150	8.0592	8.190992	-0.1318	+/-1.00	
M2-4:2 FTS	6.69	113	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	3.57	61.4	25 - 150	10.08143	10.21148	-0.1301	+/-1.00	
d-N-EtFOSA	3.57	52.6	25 - 150	10.37407	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	14.3	108	25 - 150	6.41115	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	35.7	63.5	25 - 150	10.32545	10.459	-0.1336	+/-1.00	
d7-N-MeFOSE	35.7	70.1	25 - 150	10.0494	10.18604	-0.1366	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (BA50775-MSD2)			Lab File ID: QQQ49060.d		Analyzed: 01/16/25 13:15			
M3PFBS	3.32	102	25 - 150	5.399416	5.341737	0.0577	+/-1.00	
M5PFHxA	3.57	104	25 - 150	6.1583	6.176775	-0.0185	+/-1.00	
M4PFHpA	3.57	93.4	25 - 150	6.928233	6.964667	-0.0364	+/-1.00	
M3PFHxS	3.38	107	25 - 150	7.029667	7.059694	-0.0300	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.57	100	25 - 150	7.585516	7.608802	-0.0233	+/-1.00	
M6PFDA	1.78	109	25 - 150	8.689167	8.72274	-0.0336	+/-1.00	
M7PFUdA	1.78	136	25 - 150	9.1433	9.194471	-0.0512	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.78	121	25 - 150	9.55925	9.613558	-0.0543	+/-1.00	
M2PFTeDA	1.78	109	10 - 150	10.23952	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	14.3	90.8	25 - 150	1.351683	1.212835	0.1388	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.42	122	25 - 150	8.188167	8.230688	-0.0425	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.13	106	25 - 150	4.699616	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.57	98.7	10 - 150	9.277567	9.329721	-0.0522	+/-1.00	
d3-N-MeFOSAA	7.13	117	25 - 150	8.891883	8.937294	-0.0454	+/-1.00	
d5-N-EtFOSAA	7.13	127	25 - 150	9.13305	9.17374	-0.0407	+/-1.00	
M2-6:2 FTS	6.78	151	25 - 200	7.529117	7.551135	-0.0220	+/-1.00	
M2-8:2 FTS	6.85	214	25 - 200	8.6513	8.687194	-0.0359	+/-1.00	*
M9PFNA	1.78	97.9	25 - 150	8.161867	8.190992	-0.0291	+/-1.00	
M2-4:2 FTS	6.69	107	25 - 150	6.091917	6.10806	-0.0161	+/-1.00	
d-N-MeFOSA	3.57	51.0	25 - 150	10.12757	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	3.57	62.2	25 - 150	10.41093	10.49709	-0.0862	+/-1.00	
M3HFPO-DA	14.3	89.3	25 - 150	6.4297	6.456387	-0.0267	+/-1.00	
d9-N-EtFOSE	35.7	61.4	25 - 150	10.36232	10.459	-0.0967	+/-1.00	
d7-N-MeFOSE	35.7	67.8	25 - 150	10.10475	10.18604	-0.0813	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC010 (25A0469-10)			Lab File ID: QQQ49061.d		Analyzed: 01/16/25 13:31			
M3PFBS	2.49	110	25 - 150	5.44585	5.341737	0.1041	+/-1.00	
M5PFHxA	2.67	87.1	25 - 150	6.176784	6.176775	0.0000	+/-1.00	
M4PFHpA	2.67	99.3	25 - 150	6.909717	6.964667	-0.0550	+/-1.00	
M3PFHxS	2.53	115	25 - 150	7.00145	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.67	96.2	25 - 150	7.5202	7.608802	-0.0886	+/-1.00	
M6PFDA	1.33	97.6	25 - 150	8.587216	8.72274	-0.1355	+/-1.00	
M7PFUdA	1.33	86.6	25 - 150	9.069134	9.194471	-0.1253	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.33	63.4	25 - 150	9.503384	9.613558	-0.1102	+/-1.00	
M2PFTeDA	1.33	56.5	10 - 150	10.23028	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.7	76.1	25 - 150	1.379217	1.212835	0.1664	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.56	108	25 - 150	8.1133	8.230688	-0.1174	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.34	98.8	25 - 150	4.764783	4.464844	0.2999	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.67	74.7	10 - 150	9.212667	9.329721	-0.1171	+/-1.00	
d3-N-MeFOSAA	5.34	117	25 - 150	8.8075	8.937294	-0.1298	+/-1.00	
d5-N-EtFOSAA	5.34	128	25 - 150	9.04935	9.17374	-0.1244	+/-1.00	
M2-6:2 FTS	5.07	118	25 - 200	7.473083	7.551135	-0.0781	+/-1.00	
M2-8:2 FTS	5.12	140	25 - 200	8.558617	8.687194	-0.1286	+/-1.00	
M9PFNA	1.33	93.2	25 - 150	8.077784	8.190992	-0.1132	+/-1.00	
M2-4:2 FTS	5.01	99.0	25 - 150	6.110367	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	2.67	52.0	25 - 150	10.12755	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2.67	43.7	25 - 150	10.42013	10.49709	-0.0770	+/-1.00	
M3HFPO-DA	10.7	85.5	25 - 150	6.429667	6.456387	-0.0267	+/-1.00	
d9-N-EtFOSE	26.7	56.1	25 - 150	10.38072	10.459	-0.0783	+/-1.00	
d7-N-MeFOSE	26.7	53.1	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
UIC00X (25A0469-11)			Lab File ID: QQQ49062.d		Analyzed: 01/16/25 13:48			
M3PFBS	3.65	103	25 - 150	5.38095	5.341737	0.0392	+/-1.00	
M5PFHxA	3.91	101	25 - 150	6.1393	6.176775	-0.0375	+/-1.00	
M4PFHpA	3.91	78.4	25 - 150	6.928233	6.964667	-0.0364	+/-1.00	
M3PFHxS	3.71	99.2	25 - 150	7.020417	7.059694	-0.0393	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.91	103	25 - 150	7.585516	7.608802	-0.0233	+/-1.00	
M6PFDA	1.96	120	25 - 150	8.707684	8.72274	-0.0151	+/-1.00	
M7PFUdA	1.96	109	25 - 150	9.180583	9.194471	-0.0139	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.96	80.4	25 - 150	9.596233	9.613558	-0.0173	+/-1.00	
M2PFTeDA	1.96	29.5	10 - 150	10.26713	10.30281	-0.0357	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	15.6	18.9	25 - 150	1.360867	1.212835	0.1480	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.75	124	25 - 150	8.21685	8.230688	-0.0138	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	7.82	89.4	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.91	76.9	10 - 150	9.32395	9.329721	-0.0058	+/-1.00	
d3-N-MeFOSAA	7.82	99.5	25 - 150	8.929	8.937294	-0.0083	+/-1.00	
d5-N-EtFOSAA	7.82	107	25 - 150	9.170333	9.17374	-0.0034	+/-1.00	
M2-6:2 FTS	7.44	207	25 - 200	7.519467	7.551135	-0.0317	+/-1.00	*
M2-8:2 FTS	7.51	168	25 - 200	8.6791	8.687194	-0.0081	+/-1.00	
M9PFNA	1.96	105	25 - 150	8.180433	8.190992	-0.0106	+/-1.00	
M2-4:2 FTS	7.34	155	25 - 150	6.073433	6.10806	-0.0346	+/-1.00	*
d-N-MeFOSA	3.91	30.7	25 - 150	10.1827	10.21148	-0.0288	+/-1.00	
d-N-EtFOSA	3.91	28.2	25 - 150	10.45697	10.49709	-0.0401	+/-1.00	
M3HFPO-DA	15.6	87.5	25 - 150	6.411167	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	39.1	32.8	25 - 150	10.41757	10.459	-0.0414	+/-1.00	
d7-N-MeFOSE	39.1	44.0	25 - 150	10.15083	10.18604	-0.0352	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

UIC006

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50775
Laboratory ID: BA50775-MS2
Preparation: EPA 1633 Prep
Initial/Final: 5.02 g / 5 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC. #	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	11.4	ND	2.30	20.1 *	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	11.4	ND	9.78	85.7	25 - 150
Perfluorobutanesulfonic acid (PFBS)	5.05	ND	4.54	90.0	25 - 150
Perfluorodecanoic acid (PFDA)	5.70	ND	5.05	88.4	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	5.53	ND	3.72	67.2	25 - 150
Perfluorododecanoic acid (PFDoA)	5.70	ND	5.55	97.3	25 - 150
Perfluoroheptanoic acid (PFHpA)	5.70	ND	5.18	90.8	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	5.22	ND	4.90	93.9	25 - 150
Perfluorohexanoic acid (PFHxA)	5.70	ND	5.35	93.8	25 - 150
Perfluoro-n-butanoic acid (PFBA)	22.8	ND	19.7	86.4	25 - 150
Perfluorononanoic acid (PFNA)	5.70	ND	3.94	69.0	25 - 150
Perfluorooctanesulfonic acid (PFOS)	5.31	ND	4.40	82.8	25 - 150
Perfluorooctanoic acid (PFOA)	5.70	ND	4.50	79.0	25 - 150
Perfluoropentanoic acid (PFPeA)	11.4	ND	10.9	95.9	25 - 150
Perfluorotetradecanoic acid (PFTA)	5.70	ND	4.94	86.6	25 - 150
Perfluorotridecanoic acid (PFTrDA)	5.70	0.198	5.83	98.7	25 - 150
Perfluoroundecanoic acid (PFUnA)	5.70	ND	5.00	87.7	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

UIC006

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50775
Laboratory ID: BA50775-MSD2
Preparation: EPA 1633 Prep
Initial/Final: 5.02 g / 5 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Perfluoro-4-oxapentanoic acid (PFMPA)	11.4	9.89	86.7	125 *	30	25 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	11.4	9.82	86.0	0.399	30	25 - 150
Perfluorobutanesulfonic acid (PFBS)	5.05	4.73	93.7	4.08	35	25 - 150
Perfluorodecanoic acid (PFDA)	5.70	4.67	81.8	7.75	35	25 - 150
Perfluorododecanesulfonic acid (PFDoS)	5.53	3.59	64.8	3.58	30	25 - 150
Perfluorododecanoic acid (PFDoA)	5.70	4.84	84.9	13.7	35	25 - 150
Perfluoroheptanoic acid (PFHpA)	5.70	5.62	98.4	8.09	35	25 - 150
Perfluorohexanesulfonic acid (PFHxS)	5.22	4.83	92.6	1.41	35	25 - 150
Perfluorohexanoic acid (PFHxA)	5.70	5.35	93.8	0.00882	35	25 - 150
Perfluoro-n-butanoic acid (PFBA)	22.8	21.4	93.6	7.97	35	25 - 150
Perfluorononanoic acid (PFNA)	5.70	4.35	76.2	9.95	35	25 - 150
Perfluorooctanesulfonic acid (PFOS)	5.31	4.05	76.3	8.28	35	25 - 150
Perfluorooctanoic acid (PFOA)	5.70	4.66	81.6	3.30	35	25 - 150
Perfluoropentanoic acid (PFPeA)	11.4	10.7	94.0	2.02	35	25 - 150
Perfluorotetradecanoic acid (PFTA)	5.70	4.93	86.4	0.331	35	25 - 150
Perfluorotridecanoic acid (PFTrDA)	5.70	6.24	106	6.79	35	25 - 150
Perfluoroundecanoic acid (PFUnA)	5.70	4.84	84.9	3.19	35	25 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	75.6	72.0	95.2	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	169	110	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	150	168	112	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	152	140	92.2	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	800	869	109	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	800	836	105	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	160	96.1	60.1	50 - 150
9CL-PF3ONS	74.8	77.3	103	50 - 150
ADONA	75.6	84.0	111	50 - 150
HFPO-DA (Gen-X)	80.0	83.9	105	50 - 150
N-EtFOSA	40.0	34.0	84.9	50 - 150
N-EtFOSAA	40.0	42.7	107	50 - 150
N-EtFOSE	400	423	106	50 - 150
N-MeFOSA	40.0	42.8	107	50 - 150
N-MeFOSAA	40.0	42.0	105	50 - 150
N-MeFOSE	400	418	105	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.2	70.6	99.2	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	38.6	33.3	86.2	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.2	31.9	83.5	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	38.4	36.4	94.7	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	40.0	31.4	78.5	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	40.0	106	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	80.0	62.6	78.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	9.60	12.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	111	138	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	36.9	104	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	31.9	79.7	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	38.8	23.5	60.5	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	41.0	102	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	40.0	33.1	82.7	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	36.6	39.9	109	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	39.9	99.8	50 - 150
Perfluoro-n-butanoic acid (PFBA)	160	123	77.1	50 - 150
Perfluorononanoic acid (PFNA)	40.0	36.5	91.3	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.2	34.1	91.8	50 - 150
Perfluorooctanoic acid (PFOA)	40.0	36.0	90.1	50 - 150
Perfluoropentanoic acid (PFPeA)	80.0	77.9	97.4	50 - 150
Perfluorotetradecanoic acid (PFTA)	40.0	37.7	94.4	50 - 150
Perfluorotridecanoic acid (PFTrDA)	40.0	60.0	150	50 - 150
Perfluoroundecanoic acid (PFUnA)	40.0	42.0	105	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	6.17	81.7	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	14.5	94.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	14.9	99.6	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	12.4	81.6	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	80.4	100	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	75.7	94.6	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	10.3	64.3	50 - 150
9CL-PF3ONS	7.48	7.71	103	50 - 150
ADONA	7.56	7.71	102	50 - 150
HFPO-DA (Gen-X)	8.00	7.66	95.7	50 - 150
N-EtFOSA	4.00	5.07	127	50 - 150
N-EtFOSAA	4.00	4.08	102	50 - 150
N-EtFOSE	40.0	34.7	86.7	50 - 150
N-MeFOSA	4.00	4.04	101	50 - 150
N-MeFOSAA	4.00	4.10	102	50 - 150
N-MeFOSE	40.0	38.4	96.1	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	6.87	96.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	2.45	63.5	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	3.04	79.5	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	3.24	84.3	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	4.17	104	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.71	98.5	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	5.69	71.1	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	0.674	8.43 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	11.0	138	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	3.34	94.3	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.13	78.3	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.04	52.6	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	2.71	67.8	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50650	Laboratory ID:	BA50650-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	4.00	4.30	107	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.66	3.46	94.6	50 - 150
Perfluorohexanoic acid (PFHxA)	4.00	3.91	97.6	50 - 150
Perfluoro-n-butanoic acid (PFBA)	16.0	8.37	52.3	50 - 150
Perfluorononanoic acid (PFNA)	4.00	3.02	75.4	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.51	94.4	50 - 150
Perfluorooctanoic acid (PFOA)	4.00	3.19	79.6	50 - 150
Perfluoropentanoic acid (PFPeA)	8.00	7.63	95.4	50 - 150
Perfluorotetradecanoic acid (PFTA)	4.00	2.99	74.7	50 - 150
Perfluorotridecanoic acid (PFTrDA)	4.00	4.77	119	50 - 150
Perfluoroundecanoic acid (PFUnA)	4.00	3.75	93.8	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50651	Laboratory ID:	BA50651-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.05 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.49	7.01	93.7	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.2	15.7	103	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	14.5	97.6	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.0	12.9	85.5	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.2	83.7	106	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.2	78.4	99.0	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.8	11.0	69.2	50 - 150
9CL-PF3ONS	7.41	8.37	113	50 - 150
ADONA	7.49	8.35	112	50 - 150
HFPO-DA (Gen-X)	7.92	8.69	110	50 - 150
N-EtFOSA	3.96	3.54	89.4	50 - 150
N-EtFOSAA	3.96	4.17	105	50 - 150
N-EtFOSE	39.6	38.3	96.7	50 - 150
N-MeFOSA	3.96	4.51	114	50 - 150
N-MeFOSAA	3.96	4.03	102	50 - 150
N-MeFOSE	39.6	43.5	110	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.05	6.96	98.7	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.82	2.73	71.5	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.78	3.05	80.7	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.80	3.64	95.9	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.96	4.07	103	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.72	3.73	100	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.92	6.37	80.5	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.92	1.03	13.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.92	10.8	137	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.50	3.57	102	50 - 150
Perfluorodecanoic acid (PFDA)	3.96	3.20	80.7	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.84	2.57	66.8	50 - 150
Perfluorododecanoic acid (PFDoA)	3.96	4.01	101	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50651	Laboratory ID:	BA50651-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.04 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.750	0.574	76.5	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.52	1.50	98.3	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.37	92.0	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	1.35	89.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.94	8.03	101	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.94	7.47	94.2	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	0.934	58.8	50 - 150
9CL-PF3ONS	0.742	0.766	103	50 - 150
ADONA	0.750	0.738	98.5	50 - 150
HFPO-DA (Gen-X)	0.794	0.682	85.9	50 - 150
N-EtFOSA	0.397	0.521	131	50 - 150
N-EtFOSAA	0.397	0.370	93.2	50 - 150
N-EtFOSE	3.97	3.94	99.2	50 - 150
N-MeFOSA	0.397	0.430	108	50 - 150
N-MeFOSAA	0.397	0.365	91.9	50 - 150
N-MeFOSE	3.97	4.22	106	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.706	0.657	93.0	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.383	0.295	76.9	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.379	0.327	86.3	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.381	0.337	88.4	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.397	0.382	96.2	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.373	0.357	95.8	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.794	0.655	82.5	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.794	0.0627	7.90 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.794	1.03	129	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.351	0.320	91.3	50 - 150
Perfluorodecanoic acid (PFDA)	0.397	0.339	85.5	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.385	0.207	53.8	50 - 150
Perfluorododecanoic acid (PFDoA)	0.397	0.427	108	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50775	Laboratory ID:	BA50775-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	4.40	58.2	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	14.1	91.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	14.1	94.0	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	12.6	82.7	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	64.4	80.5	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	69.4	86.7	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	19.3	121	50 - 150
9CL-PF3ONS	7.48	5.72	76.4	50 - 150
ADONA	7.56	6.85	90.6	50 - 150
HFPO-DA (Gen-X)	8.00	7.65	95.6	50 - 150
N-EtFOSA	4.00	3.85	96.3	50 - 150
N-EtFOSAA	4.00	4.04	101	50 - 150
N-EtFOSE	40.0	35.4	88.5	50 - 150
N-MeFOSA	4.00	3.86	96.6	50 - 150
N-MeFOSAA	4.00	3.96	99.0	50 - 150
N-MeFOSE	40.0	41.6	104	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	5.86	82.3	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	2.74	71.0	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	3.24	84.7	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	3.45	89.8	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	3.66	91.6	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.50	93.1	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	6.86	85.7	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	7.25	90.6	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	6.48	81.1	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	3.21	90.6	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.69	92.4	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.68	69.1	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	3.44	86.0	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50775	Laboratory ID:	BA50775-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.753	0.371	49.2 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.19	77.8	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.33	88.9	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	1.32	87.4	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.97	4.53	56.9	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.97	6.28	78.8	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	1.40	87.9	50 - 150
9CL-PF3ONS	0.745	0.478	64.2	50 - 150
ADONA	0.753	0.606	80.5	50 - 150
HFPO-DA (Gen-X)	0.797	0.660	82.8	50 - 150
N-EtFOSA	0.398	0.273	68.4	50 - 150
N-EtFOSAA	0.398	0.357	89.6	50 - 150
N-EtFOSE	3.98	3.71	93.2	50 - 150
N-MeFOSA	0.398	0.406	102	50 - 150
N-MeFOSAA	0.398	0.346	86.8	50 - 150
N-MeFOSE	3.98	3.89	97.7	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.709	0.528	74.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.384	0.265	69.1	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.315	82.9	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.473	124	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.398	0.342	85.9	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.375	0.297	79.4	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.797	0.700	87.8	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.797	0.142	17.8 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.797	0.660	82.9	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.353	0.308	87.4	50 - 150
Perfluorodecanoic acid (PFDA)	0.398	0.303	76.0	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.386	0.170	44.1 *	50 - 150
Perfluorododecanoic acid (PFDoA)	0.398	0.347	87.0	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50775	Laboratory ID:	BA50775-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.398	0.277	69.5	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.289	79.2	50 - 150
Perfluorohexanoic acid (PFHxA)	0.398	0.307	77.2	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.59	1.19	74.5	50 - 150
Perfluorononanoic acid (PFNA)	0.398	0.251	62.9	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.371	0.418	113	50 - 150
Perfluorooctanoic acid (PFOA)	0.398	0.290	72.9	50 - 150
Perfluoropentanoic acid (PFPeA)	0.797	0.663	83.2	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.398	0.309	77.6	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.398	0.360	90.4	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.398	0.338	84.9	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48892.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1335	Injection Date:	01/13/25
Lab Sample ID:	S5A1335-CCV2	Injection Time:	15:14

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.23	0.9448179	0.9082185		-2.4	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.1952806	0.2064338		7.9	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.76	1.066086	1.111645		4.1	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.81	1.426505	1.329949		-7.3	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	78.3	0.1813056	0.2173374		25.1	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	71.6	0.1534032	0.1718339		14.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	13.3	1.930729E-02	1.905167E-02		6.5	30	
9CL-PF3ONS	A	9.35	9.69	1.465158	1.453893		3.6	30	
ADONA	A	9.45	10.0	0.5101587	0.5304896		5.8	30	
HFPO-DA (Gen-X)	A	10.0	9.74	2.252066E-02	2.256129E-02		-2.6	30	
N-EtFOSA	A	2.50	2.00	1.095011	0.9756094		-20.2	30	
N-EtFOSAA	A	2.50	0.300	0.9298609	0.1017221		-88.0	30	*
N-EtFOSE	A	25.0	24.3	1.955788	1.935516		-2.9	30	
N-MeFOSA	A	2.50	2.44	0.8199202	0.7597253		-2.3	30	
N-MeFOSAA	A	2.50	2.88	0.8324625	0.9081051		15.3	30	
N-MeFOSE	A	25.0	24.4	0.8714412	0.8037639		-2.5	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.54	1.168917	1.238491		1.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.79	0.8623288	1.023141		16.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.34	3.199815	3.310463		-1.6	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.55	0.1537279	0.1557438		6.3	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.07	1.763448	1.402062		-17.3	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.42	1.410116	1.374913		3.0	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.64	1.000566E-02	1.035784E-02		-7.1	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48916.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/14/25
Lab Sample ID:	S5A1460-CCV1	Injection Time:	12:43

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.18	0.9448179	0.9033939		-2.9	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.4	0.1952806	0.2066394		8.0	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.83	1.066086	1.118497		4.8	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.72	1.426505	1.317393		-8.2	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	73.8	0.1813056	0.205081		17.9	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	68.6	0.1534032	0.1646831		9.6	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.1	1.930729E-02	0.0255065		37.1	30	*
9CL-PF3ONS	A	9.35	9.73	1.465158	1.460861		4.1	30	
ADONA	A	9.45	10.1	0.5101587	0.5344089		6.6	30	
HFPO-DA (Gen-X)	A	10.0	10.1	2.252066E-02	0.0233556		0.8	30	
N-EtFOSA	A	2.50	2.18	1.095011	1.0673		-12.7	30	
N-EtFOSAA	A	2.50	2.68	0.9298609	0.9103931		7.0	30	
N-EtFOSE	A	25.0	22.5	1.955788	1.791603		-10.1	30	
N-MeFOSA	A	2.50	2.44	0.8199202	0.7604777		-2.2	30	
N-MeFOSAA	A	2.50	2.66	0.8324625	0.8391346		6.6	30	
N-MeFOSE	A	25.0	27.0	0.8714412	0.8897278		7.9	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.28	1.168917	1.168534		-3.9	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.28	0.8623288	0.835727		-5.4	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.19	3.199815	3.093457		-8.1	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.42	0.1537279	0.1444117		1.0	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.53	1.763448	1.716134		1.3	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.45	1.410116	1.391716		4.3	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.67	1.000566E-02	8.217191E-03		-26.5	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48934.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/14/25
Lab Sample ID:	S5A1460-CCV2	Injection Time:	17:35

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.91	0.9448179	0.8766615		-5.8	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.5	0.1952806	0.2092523		9.5	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.61	1.066086	1.095433		2.4	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.25	1.426505	1.3912		-2.7	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	81.5	0.1813056	0.2261598		30.2	30	*
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	76.3	0.1534032	0.1829622		21.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	16.6	1.930729E-02	2.683757E-02		32.5	30	*
9CL-PF3ONS	A	9.35	9.97	1.465158	1.495976		6.6	30	
ADONA	A	9.45	9.87	0.5101587	0.5233833		4.4	30	
HFPO-DA (Gen-X)	A	10.0	9.50	2.252066E-02	2.201564E-02		-5.0	30	
N-EtFOSA	A	2.50	2.41	1.095011	1.177279		-3.6	30	
N-EtFOSAA	A	2.50	2.54	0.9298609	0.8629064		1.4	30	
N-EtFOSE	A	25.0	24.1	1.955788	1.918986		-3.7	30	
N-MeFOSA	A	2.50	2.62	0.8199202	0.8154331		4.8	30	
N-MeFOSAA	A	2.50	2.62	0.8324625	0.8249232		4.8	30	
N-MeFOSE	A	25.0	27.0	0.8714412	0.8917653		8.2	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.86	1.168917	1.327108		9.3	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	1.95	0.8623288	0.7160054		-19.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.15	3.199815	3.045124		-9.5	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.37	0.1537279	0.1478769		-1.1	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.53	1.763448	1.713626		1.1	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.41	1.410116	1.3677		2.5	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.47	1.000566E-02	9.977128E-03		-10.6	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48960.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV4	Injection Time:	00:34

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.24	0.9448179	0.9097659		-2.2	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.6	0.1952806	0.2106576		10.3	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.69	1.066086	1.103724		3.3	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.40	1.426505	1.412124		-1.1	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	66.2	0.1813056	0.1839509		5.7	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	69.8	0.1534032	0.1676297		11.6	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.1	1.930729E-02	2.533244E-02		36.5	30	*
9CL-PF3ONS	A	9.35	10.4	1.465158	1.556368		10.9	30	
ADONA	A	9.45	10.2	0.5101587	0.5428229		8.3	30	
HFPO-DA (Gen-X)	A	10.0	10.2	2.252066E-02	2.362016E-02		2.0	30	
N-EtFOSA	A	2.50	2.09	1.095011	1.021952		-16.4	30	
N-EtFOSAA	A	2.50	2.77	0.9298609	0.9428812		10.8	30	
N-EtFOSE	A	25.0	22.2	1.955788	1.768743		-11.3	30	
N-MeFOSA	A	2.50	2.87	0.8199202	0.891447		14.6	30	
N-MeFOSAA	A	2.50	2.89	0.8324625	0.9103823		15.6	30	
N-MeFOSE	A	25.0	26.3	0.8714412	0.8672842		5.2	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.35	1.168917	1.188263		-2.2	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.20	0.8623288	0.8065645		-8.7	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.21	3.199815	3.126217		-7.1	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.69	0.1537279	0.1606763		11.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	3.05	1.763448	2.068586		22.2	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.56	1.410116	1.451703		8.7	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.76	1.000566E-02	1.061251E-02		-4.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ48970.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV5	Injection Time:	03:15

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.0	0.9448179	0.9844191		5.8	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.64	0.1952806	0.1933268		0.4	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.63	1.066086	1.098149		2.7	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.46	1.426505	1.420758		-0.4	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	67.5	0.1813056	0.1877619		7.9	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	67.9	0.1534032	0.1629259		8.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.2	1.930729E-02	2.565375E-02		37.7	30	*
9CL-PF3ONS	A	9.35	10.7	1.465158	1.600294		14.0	30	
ADONA	A	9.45	10.2	0.5101587	0.5435319		8.4	30	
HFPO-DA (Gen-X)	A	10.0	9.26	2.252066E-02	2.146536E-02		-7.4	30	
N-EtFOSA	A	2.50	2.18	1.095011	1.065152		-12.8	30	
N-EtFOSAA	A	2.50	2.79	0.9298609	0.9479353		11.4	30	
N-EtFOSE	A	25.0	24.1	1.955788	1.922432		-3.6	30	
N-MeFOSA	A	2.50	2.41	0.8199202	0.7489437		-3.7	30	
N-MeFOSAA	A	2.50	2.68	0.8324625	0.8442861		7.2	30	
N-MeFOSE	A	25.0	27.5	0.8714412	0.9063852		9.9	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.35	1.168917	1.188477		-2.2	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.58	0.8623288	0.9436321		6.9	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.53	3.199815	3.574517		6.3	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.23	0.1537279	0.1720452		34.7	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.97	1.763448	2.008533		18.6	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.33	1.410116	1.320208		-1.0	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.81	1.000566E-02	8.514278E-03		-23.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49014.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV8	Injection Time:	16:35

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.97	0.9448179	0.8826569		-5.1	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.95	0.1952806	0.1990517		3.7	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.0	1.066086	1.139127		6.9	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.7	1.426505	1.597232		13.1	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	65.5	0.1813056	0.1821398		4.6	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	63.6	0.1534032	0.1528496		1.7	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	15.2	1.930729E-02	2.338031E-02		21.8	30	
9CL-PF3ONS	A	9.35	9.62	1.465158	1.44407		2.9	30	
ADONA	A	9.45	9.76	0.5101587	0.5178785		3.3	30	
HFPO-DA (Gen-X)	A	10.0	9.98	2.252066E-02	2.311597E-02		-0.2	30	
N-EtFOSA	A	2.50	2.00	1.095011	0.9760363		-20.1	30	
N-EtFOSAA	A	2.50	2.69	0.9298609	0.915241		7.6	30	
N-EtFOSE	A	25.0	23.4	1.955788	1.867359		-6.3	30	
N-MeFOSA	A	2.50	2.84	0.8199202	0.8823498		13.4	30	
N-MeFOSAA	A	2.50	2.73	0.8324625	0.8592611		9.1	30	
N-MeFOSE	A	25.0	27.8	0.8714412	0.9181273		11.3	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	3.77	1.168917	1.029133		-15.4	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	3.14	0.8623288	1.148496		30.3	30	*
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.22	3.199815	3.141048		-6.7	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.19	0.1537279	0.1554868		32.8	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.48	1.763448	1.681416		-0.8	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.26	1.410116	1.284505		-3.7	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.30	1.000566E-02	9.602932E-03		-14.0	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49050.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/16/25
Lab Sample ID:	S5A1460-CCVB	Injection Time:	10:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.49	0.9448179	0.9341594		0.4	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	11.1	0.1952806	0.2198565		15.6	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.2	1.066086	1.154163		8.4	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.19	1.426505	1.383118		-3.3	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	66.8	0.1813056	0.1856018		6.7	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	67.8	0.1534032	0.1628004		8.3	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	18.2	1.930729E-02	2.695414E-02		45.5	30	*
9CL-PF3ONS	A	9.35	10.4	1.465158	1.565372		11.6	30	
ADONA	A	9.45	10.2	0.5101587	0.5429202		8.3	30	
HFPO-DA (Gen-X)	A	10.0	10.2	2.252066E-02	2.373599E-02		2.5	30	
N-EtFOSA	A	2.50	2.17	1.095011	1.058788		-13.4	30	
N-EtFOSAA	A	2.50	2.66	0.9298609	0.9051369		6.4	30	
N-EtFOSE	A	25.0	24.2	1.955788	1.927231		-3.3	30	
N-MeFOSA	A	2.50	2.85	0.8199202	0.8865165		14.0	30	
N-MeFOSAA	A	2.50	2.96	0.8324625	0.9335092		18.5	30	
N-MeFOSE	A	25.0	28.4	0.8714412	0.9378495		13.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.05	1.168917	1.105986		-9.0	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.39	0.8623288	0.8764532		-0.8	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.27	3.199815	3.205282		-4.7	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.91	0.1537279	0.1601979		21.3	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.83	1.763448	1.915382		13.1	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.31	1.410116	1.308361		-1.9	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.45	1.000566E-02	7.716903E-03		-31.0	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49064.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/16/25
Lab Sample ID:	S5A1460-CCVC	Injection Time:	14:20

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.71	0.9448179	0.9556389		2.7	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.3	0.1952806	0.2050542		7.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.99	1.066086	1.135707		6.5	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.87	1.426505	1.338995		-6.6	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	59.0	0.1813056	0.164036		-5.8	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	70.4	0.1534032	0.1689849		12.5	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.9	1.930729E-02	2.749432E-02		43.3	30	*
9CL-PF3ONS	A	9.35	10.4	1.465158	1.566176		11.6	30	
ADONA	A	9.45	10.1	0.5101587	0.5381925		7.4	30	
HFPO-DA (Gen-X)	A	10.0	10.3	2.252066E-02	2.384115E-02		2.9	30	
N-EtFOSA	A	2.50	2.27	1.095011	1.110007		-9.2	30	
N-EtFOSAA	A	2.50	2.58	0.9298609	0.878705		3.3	30	
N-EtFOSE	A	25.0	25.3	1.955788	2.020734		1.4	30	
N-MeFOSA	A	2.50	2.65	0.8199202	0.8234564		5.9	30	
N-MeFOSAA	A	2.50	2.52	0.8324625	0.7923005		0.7	30	
N-MeFOSE	A	25.0	27.5	0.8714412	0.90644		9.9	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.25	1.168917	1.161978		-4.4	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.89	0.8623288	1.058422		20.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.27	3.199815	3.21225		-4.5	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.88	0.1537279	0.1539916		19.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.25	1.763448	1.528593		-9.8	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.39	1.410116	1.356167		1.7	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.31	1.000566E-02	9.619205E-03		-13.8	30	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1335-LCV1
Sequence: S5A1335
Standard ID: S24L331

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
Perfluorobutanesulfonic acid (PFBS)	0.177	0.187	5.5	30.00
Perfluorohexanoic acid (PFHxA)	0.200	0.243	21.7	30.00
Perfluoroheptanoic acid (PFHpA)	0.200	0.219	9.4	30.00
Perfluorohexanesulfonic acid (PFHxS)	0.183	0.221	20.7	30.00
Perfluorooctanoic acid (PFOA)	0.200	0.173	-13.7	30.00
Perfluorooctanesulfonic acid (PFOS)	0.186	0.252	35.6 *	30.00
Perfluorononanoic acid (PFNA)	0.200	0.194	-3.2	30.00
Perfluorodecanoic acid (PFDA)	0.200	0.198	-0.9	30.00
Perfluoroundecanoic acid (PFUnA)	0.200	0.204	2.2	30.00
Perfluorododecanoic acid (PFDoA)	0.200	0.253	26.4	30.00
Perfluorotridecanoic acid (PFTrDA)	0.200	0.233	16.3	30.00
Perfluorotetradecanoic acid (PFTA)	0.200	0.211	5.4	30.00
N-MeFOSAA	0.200	0.206	3.2	30.00
N-EtFOSAA	0.200	0.225	12.7	30.00
Perfluoropentanoic acid (PFPeA)	0.400	0.424	6.0	30.00
Perfluoro-1-octanesulfonamide (FOSA)	0.200	0.171	-14.7	30.00
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.191	0.158	-17.1	30.00
Perfluoro-1-decanesulfonic acid (PFDS)	0.193	0.194	0.6	30.00
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.760	0.645	-15.2	30.00
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.768	0.842	9.7	30.00
Perfluoro-n-butanoic acid (PFBA)	0.800	0.837	4.6	30.00
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.356	0.400	12.4	30.00
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.206	-48.4 *	30.00
Perfluoro-4-oxapentanoic acid (PFMPA)	0.400	0.410	2.6	30.00
Perfluoro-5-oxahexanoic acid (PFMBA)	0.400	0.422	5.5	30.00
Perfluoro-1-pentanesulfonate (PFPeS)	0.188	0.213	13.4	30.00
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.750	0.813	8.4	30.00

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1335-LCV1
Sequence: S5A1335
Standard ID: S24L331

HFPO-DA (Gen-X)	0.800	1.12	40.3 *	30.00
11CL-PF3OUdS	0.756	0.696	-8.0	30.00
9CL-PF3ONS	0.748	0.742	-0.8	30.00
ADONA	0.756	0.823	8.9	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.131	-32.3 *	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.161	-16.0	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	1.00	1.29	28.6	30.00
3-Perfluoropentyl propanoic acid (FPePA)	5.00	6.06	21.2	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	6.26	25.2	30.00
N-MeFOSE	2.00	2.43	21.6	30.00
N-MeFOSA	0.200	0.315	57.4 *	30.00
N-EtFOSE	2.00	2.03	1.7	30.00
N-EtFOSA	0.200	0.249	24.6	30.00
M3PFBS	2.33	2.55	9.4	
M5PFHxA	2.50	2.35	-5.9	
M4PFHpA	2.50	2.30	-8.0	
M3PFHxS	2.37	2.58	8.7	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.81	12.5	
M6PFDA	1.25	1.48	18.1	
M7PFUdA	1.25	1.31	4.5	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	0.937	-25.0	
M2PFTeDA	1.25	0.991	-20.7	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	9.78	-2.2	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.91	21.3	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	4.94	-1.1	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.47	-1.2	
d3-N-MeFOSAA	5.00	5.16	3.2	
d5-N-EtFOSAA	5.00	5.44	8.8	
M2-6:2 FTS	4.76	5.87	23.4	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1460-LCV1
Sequence: S5A1460
Standard ID: S24L331

HFPO-DA (Gen-X)	0.800	0.848	6.1	30.00
11CL-PF3OUdS	0.756	0.721	-4.6	30.00
9CL-PF3ONS	0.748	0.757	1.3	30.00
ADONA	0.756	0.765	1.2	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.179	-7.7	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.194	1.2	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	1.00	1.45	45.2 *	30.00
3-Perfluoropentyl propanoic acid (FPePA)	5.00	5.69	13.8	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	5.79	15.8	30.00
N-MeFOSE	2.00	2.21	10.4	30.00
N-MeFOSA	0.200	0.230	15.2	30.00
N-EtFOSE	2.00	1.90	-5.2	30.00
N-EtFOSA	0.200	0.209	4.6	30.00
M3PFBS	2.33	2.40	2.8	
M5PFHxA	2.50	2.64	5.7	
M4PFHpA	2.50	2.76	10.6	
M3PFHxS	2.37	2.53	6.6	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.98	19.1	
M6PFDA	1.25	1.38	10.5	
M7PFUdA	1.25	1.30	3.7	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.39	11.2	
M2PFTeDA	1.25	1.37	9.4	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	8.93	-10.7	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.76	14.9	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	5.56	11.1	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.61	4.3	
d3-N-MeFOSAA	5.00	4.83	-3.5	
d5-N-EtFOSAA	5.00	5.24	4.9	
M2-6:2 FTS	4.76	4.24	-10.9	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1012
Instrument: GC_5890_I
Calibration: SA50012

Surrogate Compound	Spike Level ng/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1012-CCV1)				Lab File ID: P20526826.d		Analyzed: 01/10/25 09:53		
Decachlorobiphenyl	160	71.5	80 - 120	9.575	9.5674	0.0076	+/-0.10	*
Decachlorobiphenyl [2C]	160	72.5		11.486	11.4852	0.0008	+/-0.10	
Tetrachloro-m-xylene	160	82.9	80 - 120	2.251	2.246833	0.0042	+/-0.10	
Tetrachloro-m-xylene [2C]	160	84.9		2.558	2.556333	0.0017	+/-0.10	
Calibration Check (S5A1012-CCV4)				Lab File ID: P20526832.d		Analyzed: 01/10/25 11:39		
Decachlorobiphenyl	160	76.2	80 - 120	9.579	9.5674	0.0116	+/-0.10	*
Decachlorobiphenyl [2C]	160	73.9		11.488	11.4852	0.0028	+/-0.10	
Tetrachloro-m-xylene	160	80.3	80 - 120	2.254	2.246833	0.0072	+/-0.10	
Tetrachloro-m-xylene [2C]	160	82.1		2.56	2.556333	0.0037	+/-0.10	
Calibration Check (S5A1012-CCV5)				Lab File ID: P20526845.d		Analyzed: 01/10/25 19:55		
Decachlorobiphenyl	160	75.0	80 - 120	9.566	9.5674	-0.0014	+/-0.10	*
Decachlorobiphenyl [2C]	160	70.7		11.484	11.4852	-0.0012	+/-0.10	
Tetrachloro-m-xylene	160	84.1	80 - 120	2.248	2.246833	0.0012	+/-0.10	
Tetrachloro-m-xylene [2C]	160	80.2		2.558	2.556333	0.0017	+/-0.10	
Calibration Check (S5A1012-CCV6)				Lab File ID: P20526857.d		Analyzed: 01/10/25 23:00		
Decachlorobiphenyl	160	75.4	80 - 120	9.567	9.5674	-0.0004	+/-0.10	*
Decachlorobiphenyl [2C]	160	73.0		11.485	11.4852	-0.0002	+/-0.10	
Tetrachloro-m-xylene	160	84.4	80 - 120	2.248	2.246833	0.0012	+/-0.10	
Tetrachloro-m-xylene [2C]	160	80.3		2.558	2.556333	0.0017	+/-0.10	
Blank (BA50563-BLK1)				Lab File ID: P20526867.d		Analyzed: 01/11/25 01:35		
Decachlorobiphenyl	0.200	45.2	30 - 150	9.565	9.5674	-0.0024	+/-0.10	
Decachlorobiphenyl [2C]	0.200	43.4	30 - 150	11.485	11.4852	-0.0002	+/-0.10	
Tetrachloro-m-xylene	0.200	35.6	30 - 150	2.252	2.246833	0.0052	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	32.4	30 - 150	2.566	2.556333	0.0097	+/-0.10	
LCS (BA50563-BS1)				Lab File ID: P20526868.d		Analyzed: 01/11/25 01:50		
Decachlorobiphenyl	0.200	42.5	30 - 150	9.566	9.5674	-0.0014	+/-0.10	
Decachlorobiphenyl [2C]	0.200	41.3	30 - 150	11.485	11.4852	-0.0002	+/-0.10	
Tetrachloro-m-xylene	0.200	32.3	30 - 150	2.251	2.246833	0.0042	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	28.4	30 - 150	2.564	2.556333	0.0077	+/-0.10	*
LCS Dup (BA50563-BSD1)				Lab File ID: P20526869.d		Analyzed: 01/11/25 02:06		
Decachlorobiphenyl	0.200	49.8	30 - 150	9.566	9.5674	-0.0014	+/-0.10	
Decachlorobiphenyl [2C]	0.200	48.4	30 - 150	11.484	11.4852	-0.0012	+/-0.10	
Tetrachloro-m-xylene	0.200	34.6	30 - 150	2.251	2.246833	0.0042	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	31.4	30 - 150	2.561	2.556333	0.0047	+/-0.10	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8081B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1313
Instrument: PEST7
Calibration: SA50014

Surrogate Compound	Spike Level ng/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1313-CCV1)			Lab File ID: P7035151.D		Analyzed: 01/10/25 08:29			
Decachlorobiphenyl	160	77.4	80 - 120	10.535	10.5374	-0.0024	+/-0.10	*
Decachlorobiphenyl [2C]	160	77.2	80 - 120	11.983	11.9842	-0.0012	+/-0.10	*
Tetrachloro-m-xylene	160	87.9	80 - 120	2.891	2.8904	0.0006	+/-0.10	
Tetrachloro-m-xylene [2C]	160	86.9	80 - 120	3.005	3.0044	0.0006	+/-0.10	
Calibration Check (S5A1313-CCV4)			Lab File ID: P7035179.D		Analyzed: 01/10/25 17:39			
Decachlorobiphenyl	160	75.5	80 - 120	10.534	10.5374	-0.0034	+/-0.10	*
Decachlorobiphenyl [2C]	160	73.5	80 - 120	11.984	11.9842	-0.0002	+/-0.10	*
Tetrachloro-m-xylene	160	76.9	80 - 120	2.891	2.8904	0.0006	+/-0.10	*
Tetrachloro-m-xylene [2C]	160	81.4	80 - 120	3.005	3.0044	0.0006	+/-0.10	
Calibration Check (S5A1313-CCV5)			Lab File ID: P7035191.D		Analyzed: 01/10/25 21:25			
Decachlorobiphenyl	160	75.3	80 - 120	10.534	10.5374	-0.0034	+/-0.10	*
Decachlorobiphenyl [2C]	160	73.7	80 - 120	11.984	11.9842	-0.0002	+/-0.10	*
Tetrachloro-m-xylene	160	79.0	80 - 120	2.891	2.8904	0.0006	+/-0.10	*
Tetrachloro-m-xylene [2C]	160	80.9	80 - 120	3.005	3.0044	0.0006	+/-0.10	
Calibration Check (S5A1313-CCV6)			Lab File ID: P7035203.D		Analyzed: 01/11/25 00:52			
Decachlorobiphenyl	160	72.1	80 - 120	10.535	10.5374	-0.0024	+/-0.10	*
Decachlorobiphenyl [2C]	160	71.3	80 - 120	11.984	11.9842	-0.0002	+/-0.10	*
Tetrachloro-m-xylene	160	82.0	80 - 120	2.89	2.8904	-0.0004	+/-0.10	
Tetrachloro-m-xylene [2C]	160	81.6	80 - 120	3.005	3.0044	0.0006	+/-0.10	
Field Blank 010825 (25A0469-12)			Lab File ID: P7035208.D		Analyzed: 01/11/25 02:18			
Decachlorobiphenyl	0.200	38.1	30 - 150	10.535	10.5374	-0.0024	+/-0.10	
Decachlorobiphenyl [2C]	0.200	32.9	30 - 150	11.984	11.9842	-0.0002	+/-0.10	
Tetrachloro-m-xylene	0.200	57.1	30 - 150	2.91	2.8904	0.0196	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	47.4	30 - 150	3.02	3.0044	0.0156	+/-0.10	
Equipment Blank 010825 (25A0469-13)			Lab File ID: P7035209.D		Analyzed: 01/11/25 02:35			
Decachlorobiphenyl	0.200	33.0	30 - 150	10.535	10.5374	-0.0024	+/-0.10	
Decachlorobiphenyl [2C]	0.200	28.9	30 - 150	11.984	11.9842	-0.0002	+/-0.10	*
Tetrachloro-m-xylene	0.200	51.7	30 - 150	2.904	2.8904	0.0136	+/-0.10	
Tetrachloro-m-xylene [2C]	0.200	43.6	30 - 150	3.015	3.0044	0.0106	+/-0.10	
Calibration Check (S5A1313-CCV7)			Lab File ID: P7035213.D		Analyzed: 01/11/25 03:44			
Decachlorobiphenyl	160	69.7	80 - 120	10.535	10.5374	-0.0024	+/-0.10	*
Decachlorobiphenyl [2C]	160	64.4	80 - 120	11.986	11.9842	0.0018	+/-0.10	*
Tetrachloro-m-xylene	160	82.5	80 - 120	2.891	2.8904	0.0006	+/-0.10	
Tetrachloro-m-xylene [2C]	160	76.9	80 - 120	3.006	3.0044	0.0016	+/-0.10	*

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

UIC004

Laboratory: York Analytical Laboratories, Inc. - St | SDG: 25A0469

Client: H2M architects + engineers | Project: ORFD2301

Matrix: Soil | Laboratory ID: 25A0469-04 | File ID: P7035299.D

Sampled: 01/08/25 10:03 | Prepared: 01/13/25 08:48 | Analyzed: 01/14/25 18:57

Solids: 63.89 | Preparation: EPA 3550C | Initial/Final: 30.2 g / 10 mL

Batch: BA50684 | Sequence: S5A1520 | Calibration: SA50014 | Instrument: PEST7

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.00328	0.00358	8.75	D
72-55-9	4,4'-DDE	5	0.00693	0.00831	18.11	D
50-29-3	4,4'-DDT	5	0.00257	0.00257		U
309-00-2	Aldrin	5	0.00257	0.00257		U
319-84-6	alpha-BHC	5	0.00257	0.00257		U
5103-71-9	alpha-Chlordane	5	0.00257	0.00257		U
319-85-7	beta-BHC	5	0.00257	0.00257		U
319-86-8	delta-BHC	5	0.00257	0.00257		U
60-57-1	Dieldrin	5	0.00257	0.00257		U
959-98-8	Endosulfan I	5	0.00257	0.00257		U
33213-65-9	Endosulfan II	5	0.00257	0.00257		U
1031-07-8	Endosulfan sulfate	5	0.00257	0.00257		U
72-20-8	Endrin	5	0.00257	0.00257		U
7421-93-4	Endrin aldehyde	5	0.00257	0.00257		U
53494-70-5	Endrin ketone	5	0.00257	0.00257		U
58-89-9	gamma-BHC (Lindane)	5	0.00257	0.00257		U
5566-34-7	gamma-Chlordane	5	0.00257	0.00257		U
76-44-8	Heptachlor	5	0.00257	0.00257		U
1024-57-3	Heptachlor epoxide	5	0.00257	0.00257		U
72-43-5	Methoxychlor	5	0.00295	0.00500	51.57	DP
8001-35-2	Toxaphene	5	0.257	0.257		U
57-74-9	Chlordane, total	5	0.0513	0.0513		U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.104	0.0435	42.0	30 - 150	
Tetrachloro-m-xylene	0.104	0.0557	53.8	30 - 150	

* Values outside of QC limits

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

UIC007

Laboratory: York Analytical Laboratories, Inc. - St | SDG: 25A0469

Client: H2M architects + engineers | Project: ORFD2301

Matrix: Soil | Laboratory ID: 25A0469-07 | File ID: P7035303.D

Sampled: 01/08/25 11:30 | Prepared: 01/13/25 08:48 | Analyzed: 01/15/25 10:16

Solids: 89.31 | Preparation: EPA 3550C | Initial/Final: 30.4 g / 10 mL

Batch: BA50684 | Sequence: S5A1520 | Calibration: SA50014 | Instrument: PEST7

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.00182	0.00182		U
72-55-9	4,4'-DDE	5	0.00182	0.00182		U
50-29-3	4,4'-DDT	5	0.00214	0.00390	58.28	DP
309-00-2	Aldrin	5	0.00182	0.00182		U
319-84-6	alpha-BHC	5	0.00182	0.00182		U
5103-71-9	alpha-Chlordane	5	0.00182	0.00182		U
319-85-7	beta-BHC	5	0.00182	0.00182		U
319-86-8	delta-BHC	5	0.00182	0.00182		U
60-57-1	Dieldrin	5	0.00182	0.00182		U
959-98-8	Endosulfan I	5	0.00182	0.00182		U
33213-65-9	Endosulfan II	5	0.00182	0.00182		U
1031-07-8	Endosulfan sulfate	5	0.00182	0.00182		U
72-20-8	Endrin	5	0.00182	0.00182		U
7421-93-4	Endrin aldehyde	5	0.00182	0.00182		U
53494-70-5	Endrin ketone	5	0.00182	0.00182		U
58-89-9	gamma-BHC (Lindane)	5	0.00182	0.00182		U
5566-34-7	gamma-Chlordane	5	0.00182	0.00182		U
76-44-8	Heptachlor	5	0.00182	0.00182		U
1024-57-3	Heptachlor epoxide	5	0.00182	0.00182		U
72-43-5	Methoxychlor	5	0.00182	0.00182		U
8001-35-2	Toxaphene	5	0.182	0.182		U
57-74-9	Chlordane, total	5	0.0365	0.0365		U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0737	0.0322	43.8	30 - 150	
Tetrachloro-m-xylene	0.0737	0.0423	57.5	30 - 150	

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526824.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1012	Injection Date:	01/10/25
Lab Sample ID:	S5A1012-CCV2	Injection Time:	08:43

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1330	1063877	1542800		33.1	20 *
Chlordane, total [2C]	A	1000	965	1199643	1054300		-3.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50012
Lab File ID:	P20526825.d	Calibration Date:	01/08/25 17:53
Sequence:	S5A1012	Injection Date:	01/10/25
Lab Sample ID:	S5A1012-CCV3	Injection Time:	09:32

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	3190	6963800	8895500		59.6	20 *
Toxaphene [2C]	A	2000	2180	9434627	8729050		9.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035153.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1313	Injection Date:	01/10/25
Lab Sample ID:	S5A1313-CCV2	Injection Time:	09:03

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Chlordane, total	A	1000	1140	4383404	4193233		14.0	20	
Chlordane, total [2C]	A	1000	673	8951631	6870033		-32.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035154.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1313	Injection Date:	01/10/25
Lab Sample ID:	S5A1313-CCV3	Injection Time:	09:20

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	2670	2.755435E+07	3.042005E+07		33.4	20 *
Toxaphene [2C]	A	2000	2320	9.304875E+07	8.80976E+07		16.2	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035203.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1313	Injection Date:	01/11/25
Lab Sample ID:	S5A1313-CCV6	Injection Time:	00:52

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	A	50.0	57.5	3.375626E+07	3.374E+07		14.9	20
4,4'-DDD [2C]	A	50.0	56.7	9.168367E+07	8.9062E+07		13.5	20
4,4'-DDE	A	50.0	52.3	4.270545E+07	3.8336E+07		4.6	20
4,4'-DDE [2C]	A	50.0	51.4	1.240473E+08	1.09362E+08		2.8	20
4,4'-DDT	A	50.0	66.0	2.481876E+07	3.0396E+07		32.1	20 *
4,4'-DDT [2C]	A	50.0	64.5	7.892136E+07	8.469E+07		28.9	20 *
Aldrin	A	50.0	50.0	5.088209E+07	4.327E+07		-0.004	20
Aldrin [2C]	A	50.0	49.8	1.422151E+08	1.20844E+08		-0.4	20
alpha-BHC	A	50.0	51.6	5.346143E+07	4.7566E+07		3.3	20
alpha-BHC [2C]	A	50.0	48.0	1.656815E+08	1.51792E+08		-4.0	20
alpha-Chlordane	A	50.0	51.7	4.627597E+07	3.8908E+07		3.3	20
alpha-Chlordane [2C]	A	50.0	51.0	1.275922E+08	1.1067E+08		2.0	20
beta-BHC	A	50.0	52.5	2.720846E+07	1.6786E+07		5.0	20
beta-BHC [2C]	A	50.0	50.2	8.551714E+07	4.8066E+07		0.4	20
delta-BHC	A	50.0	53.5	4.701476E+07	3.504E+07		7.1	20
delta-BHC [2C]	A	50.0	52.7	1.426671E+08	1.13246E+08		5.3	20
Dieldrin	A	50.0	52.9	4.536172E+07	4.0502E+07		5.8	20
Dieldrin [2C]	A	50.0	52.6	1.261931E+08	1.13266E+08		5.3	20
Endosulfan I	A	50.0	52.0	4.123022E+07	3.5338E+07		4.1	20
Endosulfan I [2C]	A	50.0	52.0	1.125336E+08	9.668E+07		4.0	20
Endosulfan II	A	50.0	53.7	3.794057E+07	3.1106E+07		7.5	20
Endosulfan II [2C]	A	50.0	52.3	1.0957E+08	8.8378E+07		4.7	20
Endosulfan sulfate	A	50.0	56.8	3.557399E+07	2.9656E+07		13.6	20
Endosulfan sulfate [2C]	A	50.0	56.1	1.056376E+08	8.5604E+07		12.2	20
Endrin	A	50.0	58.6	3.446539E+07	3.4054E+07		17.3	20
Endrin [2C]	A	50.0	56.3	8.899279E+07	8.6696E+07		12.6	20
Endrin aldehyde	A	50.0	57.5	3.209198E+07	2.2052E+07		15.0	20
Endrin aldehyde [2C]	A	50.0	56.2	9.590192E+07	6.2812E+07		12.4	20
Endrin ketone	A	50.0	58.0	3.801026E+07	3.5676E+07		16.0	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035203.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1313	Injection Date:	01/11/25
Lab Sample ID:	S5A1313-CCV6	Injection Time:	00:52

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	57.4	1.064334E+08	1.01068E+08		14.7	20	
gamma-BHC (Lindane)	A	50.0	53.8	4.551429E+07	4.1578E+07		7.7	20	
gamma-BHC (Lindane) [2C]	A	50.0	52.2	1.393894E+08	1.32452E+08		4.5	20	
gamma-Chlordane	A	50.0	52.3	4.612704E+07	4.0078E+07		4.6	20	
gamma-Chlordane [2C]	A	50.0	50.8	1.349656E+08	1.14654E+08		1.6	20	
Heptachlor	A	50.0	59.1	4.124697E+07	4.0852E+07		18.2	20	
Heptachlor [2C]	A	50.0	57.8	1.098394E+08	1.07354E+08		15.6	20	
Heptachlor epoxide	A	50.0	51.8	4.359415E+07	3.691E+07		3.7	20	
Heptachlor epoxide [2C]	A	50.0	49.8	1.128717E+08	9.4792E+07		-0.3	20	
Methoxychlor	A	50.0	69.4	1.317987E+07	1.5908E+07		38.7	20	*
Methoxychlor [2C]	A	50.0	67.9	3.71926E+07	4.0914E+07		35.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035220.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1321	Injection Date:	01/13/25
Lab Sample ID:	S5A1321-CCV2	Injection Time:	09:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Chlordane, total	A	1000	1090	4383404	4044733		9.2	20	
Chlordane, total [2C]	A	1000	647	8951631	6615833		-35.3	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035221.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1321	Injection Date:	01/13/25
Lab Sample ID:	S5A1321-CCV3	Injection Time:	09:40

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	2510	2.755435E+07	2.861545E+07		25.7	20 *
Toxaphene [2C]	A	2000	2160	9.304875E+07	8.14056E+07		7.8	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035270.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1321	Injection Date:	01/14/25
Lab Sample ID:	S5A1321-CCV5	Injection Time:	08:32

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	A	50.0	54.5	3.375626E+07	3.1956E+07		9.1	20
4,4'-DDD [2C]	A	50.0	55.2	9.168367E+07	8.6448E+07		10.3	20
4,4'-DDE	A	50.0	51.4	4.270545E+07	3.765E+07		2.7	20
4,4'-DDE [2C]	A	50.0	51.6	1.240473E+08	1.09822E+08		3.2	20
4,4'-DDT	A	50.0	66.4	2.481876E+07	3.0576E+07		32.8	20 *
4,4'-DDT [2C]	A	50.0	63.5	7.892136E+07	8.325E+07		26.9	20 *
Aldrin	A	50.0	50.6	5.088209E+07	4.3802E+07		1.2	20
Aldrin [2C]	A	50.0	51.4	1.422151E+08	1.24822E+08		2.8	20
alpha-BHC	A	50.0	52.5	5.346143E+07	4.8418E+07		5.1	20
alpha-BHC [2C]	A	50.0	49.4	1.656815E+08	1.5628E+08		-1.1	20
alpha-Chlordane	A	50.0	52.0	4.627597E+07	3.917E+07		4.0	20
alpha-Chlordane [2C]	A	50.0	52.0	1.275922E+08	1.12864E+08		4.0	20
beta-BHC	A	50.0	53.0	2.720846E+07	1.6932E+07		5.9	20
beta-BHC [2C]	A	50.0	51.5	8.551714E+07	4.9398E+07		3.0	20
delta-BHC	A	50.0	54.9	4.701476E+07	3.5944E+07		9.7	20
delta-BHC [2C]	A	50.0	53.9	1.426671E+08	1.16018E+08		7.7	20
Dieldrin	A	50.0	52.7	4.536172E+07	4.037E+07		5.5	20
Dieldrin [2C]	A	50.0	53.3	1.261931E+08	1.14678E+08		6.6	20
Endosulfan I	A	50.0	52.2	4.123022E+07	3.5416E+07		4.3	20
Endosulfan I [2C]	A	50.0	52.8	1.125336E+08	9.82E+07		5.6	20
Endosulfan II	A	50.0	52.2	3.794057E+07	3.02E+07		4.4	20
Endosulfan II [2C]	A	50.0	51.7	1.0957E+08	8.7196E+07		3.3	20
Endosulfan sulfate	A	50.0	53.9	3.557399E+07	2.8086E+07		7.8	20
Endosulfan sulfate [2C]	A	50.0	54.5	1.056376E+08	8.3182E+07		9.1	20
Endrin	A	50.0	62.2	3.446539E+07	3.6152E+07		24.3	20 *
Endrin [2C]	A	50.0	62.3	8.899279E+07	9.633E+07		24.7	20 *
Endrin aldehyde	A	50.0	52.8	3.209198E+07	2.0196E+07		5.6	20
Endrin aldehyde [2C]	A	50.0	52.6	9.590192E+07	5.8658E+07		5.1	20
Endrin ketone	A	50.0	52.5	3.801026E+07	3.2216E+07		5.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035270.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1321	Injection Date:	01/14/25
Lab Sample ID:	S5A1321-CCV5	Injection Time:	08:32

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	53.0	1.064334E+08	9.316E+07		6.0	20	
gamma-BHC (Lindane)	A	50.0	54.6	4.551429E+07	4.2204E+07		9.2	20	
gamma-BHC (Lindane) [2C]	A	50.0	53.6	1.393894E+08	1.36008E+08		7.2	20	
gamma-Chlordane	A	50.0	52.4	4.612704E+07	4.0112E+07		4.7	20	
gamma-Chlordane [2C]	A	50.0	51.9	1.349656E+08	1.17244E+08		3.8	20	
Heptachlor	A	50.0	59.5	4.124697E+07	4.112E+07		18.9	20	
Heptachlor [2C]	A	50.0	59.4	1.098394E+08	1.1037E+08		18.8	20	
Heptachlor epoxide	A	50.0	52.4	4.359415E+07	3.7284E+07		4.7	20	
Heptachlor epoxide [2C]	A	50.0	53.3	1.128717E+08	1.01448E+08		6.6	20	
Methoxychlor	A	50.0	67.4	1.317987E+07	1.5398E+07		34.7	20	*
Methoxychlor [2C]	A	50.0	65.4	3.71926E+07	3.9332E+07		30.9	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20526967.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1413	Injection Date:	01/13/25
Lab Sample ID:	S5A1413-CCV2	Injection Time:	13:31

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1390	1063877	1601400		39.2	20 *
Chlordane, total [2C]	A	1000	1020	1199643	1108133		1.8	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20526968.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1413	Injection Date:	01/13/25
Lab Sample ID:	S5A1413-CCV3	Injection Time:	13:47

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	3310	6963800	9242450		65.6	20 *
Toxaphene [2C]	A	2000	2310	9434627	9263400		15.6	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20527009.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1461	Injection Date:	01/14/25
Lab Sample ID:	S5A1461-CCV2	Injection Time:	10:57

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1330	1063877	1531300		32.6	20 *
Chlordane, total [2C]	A	1000	1000	1199643	1088400		0.04	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20527010.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1461	Injection Date:	01/14/25
Lab Sample ID:	S5A1461-CCV3	Injection Time:	11:13

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	3040	6963800	8452050		51.9	20 *
Toxaphene [2C]	A	2000	2160	9434627	8629850		7.9	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035289.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1520	Injection Date:	01/14/25
Lab Sample ID:	S5A1520-CCV3	Injection Time:	15:46

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	2810	2.755435E+07	3.20795E+07		40.4	20 *
Toxaphene [2C]	A	2000	2430	9.304875E+07	9.217685E+07		21.4	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8082A

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1328
Instrument: ECD#1
Calibration: SA50010

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1328-CCV1)			Lab File ID: P1160951.D		Analyzed: 01/10/25 11:09			
Tetrachloro-m-xylene	0.160	142		2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	148		1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	152		8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	156		7.26	7.26	0.0000	+/-0.20	
Calibration Check (S5A1328-CCV2)			Lab File ID: P1160961.D		Analyzed: 01/10/25 13:27			
Tetrachloro-m-xylene	0.160	141		2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	145		1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	144		8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	134		7.26	7.26	0.0000	+/-0.20	
Calibration Check (S5A1328-CCV3)			Lab File ID: P1160983.D		Analyzed: 01/10/25 22:14			
Tetrachloro-m-xylene	0.160	142		2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.160	145		1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.160	165		8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.160	166		7.26	7.26	0.0000	+/-0.20	
Blank (BA50563-BLK2)			Lab File ID: P1160987.D		Analyzed: 01/10/25 23:09			
Tetrachloro-m-xylene	0.200	32.0	30 - 150	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	24.5	30 - 120	1.91	1.91	0.0000	+/-0.20	*
Decachlorobiphenyl	0.200	35.0	30 - 150	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.200	32.5	30 - 120	7.26	7.26	0.0000	+/-0.20	
LCS (BA50563-BS2)			Lab File ID: P1160989.D		Analyzed: 01/10/25 23:37			
Tetrachloro-m-xylene	0.200	37.0	30 - 150	2.4	2.4	0.0000	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	27.5	30 - 120	1.91	1.91	0.0000	+/-0.20	*
Decachlorobiphenyl	0.200	39.5	30 - 150	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.200	30.0	30 - 120	7.26	7.26	0.0000	+/-0.20	
Field Blank 010825 (25A0469-12)			Lab File ID: P1160993.D		Analyzed: 01/11/25 00:32			
Tetrachloro-m-xylene	0.200	56.0	30 - 150	2.41	2.4	0.0100	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	43.0	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.200	32.5	30 - 150	8.38	8.38	0.0000	+/-0.20	
Decachlorobiphenyl [2C]	0.200	29.0	30 - 120	7.26	7.26	0.0000	+/-0.20	*
Equipment Blank 010825 (25A0469-13)			Lab File ID: P1160994.D		Analyzed: 01/11/25 00:46			
Tetrachloro-m-xylene	0.200	52.5	30 - 150	2.41	2.4	0.0100	+/-0.20	
Tetrachloro-m-xylene [2C]	0.200	41.5	30 - 120	1.91	1.91	0.0000	+/-0.20	
Decachlorobiphenyl	0.200	25.5	30 - 150	8.38	8.38	0.0000	+/-0.20	*
Decachlorobiphenyl [2C]	0.200	24.5	30 - 120	7.26	7.26	0.0000	+/-0.20	*

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8082A

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50563	Laboratory ID:	BA50563-BS2
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Aroclor 1016	1.00	0.514	51.4	40 - 120
Aroclor 1016 [2C]	1.00	0.444	44.4	40 - 120
Aroclor 1260	1.00	0.601	60.1	40 - 120
Aroclor 1260 [2C]	1.00	0.560	56.0	40 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010D

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50710
Laboratory ID: BA50710-MS1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL
Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Aluminum	239	4640	7080	1020 *	75 - 125
Antimony	29.8	ND	9.90	33.2 *	75 - 125
Arsenic	239	3.26	239	98.7	75 - 125
Barium	239	17.2	273	107	75 - 125
Beryllium	5.97	0.160	6.46	106	75 - 125
Cadmium	5.97	ND	6.30	106	75 - 125
Calcium	119	1510	2050	456 *	75 - 125
Chromium	23.9	9.40	35.4	109	75 - 125
Cobalt	59.7	3.17	67.5	108	75 - 125
Copper	29.8	25.2	65.8	136 *	75 - 125
Iron	119	5040	7160	1780 *	75 - 125
Lead	59.7	17.6	83.1	110	75 - 125
Magnesium	119	1210	1940	608 *	75 - 125
Manganese	59.7	40.1	121	135 *	75 - 125
Nickel	59.7	9.59	73.3	107	75 - 125
Potassium	119	361	580	184 *	75 - 125
Selenium	239	ND	230	96.5	75 - 125
Silver	5.97	ND	5.98	100	75 - 125
Sodium	119	134	280	122	75 - 125
Thallium	239	ND	239	100	75 - 125
Vanadium	59.7	39.0	102	105	75 - 125
Zinc	59.7	64.7	142	130 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES

EPA 6010D

Field Blank 010825

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Laboratory ID: BA50687-DUP1
Batch: BA50687
Lab Source ID: 25A0469-12
Preparation: EPA 3015A
Initial/Final: 45 mL / 50 mL
Source Sample Name: Field Blank 010825
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Aluminum	20	ND		ND				EPA 6010D
Barium	20	ND		ND				EPA 6010D
Calcium	20	0.0952		0.0807		16.6		EPA 6010D
Chromium	20	ND		ND				EPA 6010D
Cobalt	20	ND		ND				EPA 6010D
Copper	20	ND		ND				EPA 6010D
Iron	20	ND		ND				EPA 6010D
Lead	20	ND		ND				EPA 6010D
Magnesium	20	ND		ND				EPA 6010D
Manganese	20	ND		ND				EPA 6010D
Nickel	20	ND		ND				EPA 6010D
Potassium	20	0.242		0.155		43.5	*	EPA 6010D
Silver	20	ND		ND				EPA 6010D
Sodium	20	0.627		0.613		2.31		EPA 6010D
Vanadium	20	ND		ND				EPA 6010D
Zinc	20	ND		ND				EPA 6010D

* Values outside of QC limits

DUPLICATES

EPA 6010D

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
Client: H2M architects + engineers
Matrix: Soil
Batch: BA50710
Preparation: EPA 3050B
Source Sample Name: UIC006

SDG: 25A0469
Project: ORFD2301
Laboratory ID: BA50710-DUP1
Lab Source ID: 25A0469-06
Initial/Final: 0.6 g / 50 mL
% Solids: 69.84

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Aluminum	35	4640		5810		22.4		EPA 6010D
Antimony	35	ND		ND				EPA 6010D
Arsenic	35	3.26		3.65		11.4		EPA 6010D
Barium	35	17.2		20.1		15.5		EPA 6010D
Beryllium	35	0.160		0.198		21.3		EPA 6010D
Cadmium	35	ND		ND				EPA 6010D
Calcium	35	1510		1530		1.20		EPA 6010D
Chromium	35	9.40		9.80		4.10		EPA 6010D
Cobalt	35	3.17		3.65		14.0		EPA 6010D
Copper	35	25.2		26.2		4.13		EPA 6010D
Iron	35	5040		6330		22.7		EPA 6010D
Lead	35	17.6		18.9		7.39		EPA 6010D
Magnesium	35	1210		1370		12.1		EPA 6010D
Manganese	35	40.1		48.9		19.6		EPA 6010D
Nickel	35	9.59		9.20		4.19		EPA 6010D
Potassium	35	361		417		14.6		EPA 6010D
Selenium	35	ND		ND				EPA 6010D
Silver	35	ND		ND				EPA 6010D
Sodium	35	134		122		9.63		EPA 6010D
Thallium	35	ND		ND				EPA 6010D
Vanadium	35	39.0		37.0		5.46		EPA 6010D
Zinc	35	64.7		62.6		3.28		EPA 6010D

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50687
Laboratory ID: BA50687-BS1
Preparation: EPA 3015A
Initial/Final: 45 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/mL)	LCS CONCENTRATION (ug/mL)	LCS % REC. #	QC LIMITS REC.
Aluminum	2.00	1.94	96.9	80 - 120
Barium	2.00	2.04	102	80 - 120
Calcium	1.00	1.14	114	80 - 120
Chromium	0.200	0.205	102	80 - 120
Cobalt	0.500	0.512	102	80 - 120
Copper	0.250	0.264	105	80 - 120
Iron	1.00	1.03	103	80 - 120
Lead	0.500	0.492	98.4	80 - 120
Magnesium	1.00	1.05	105	80 - 120
Manganese	0.500	0.516	103	80 - 120
Nickel	0.500	0.510	102	80 - 120
Potassium	1.00	0.905	90.5	80 - 120
Silver	0.0500	0.0495	99.0	80 - 120
Sodium	1.00	1.34	134 *	80 - 120
Vanadium	0.500	0.496	99.3	80 - 120
Zinc	0.500	0.495	99.0	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50710
Laboratory ID: BA50710-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	7290	95.0	35.7 - 119
Antimony	244	66.2	27.1	0 - 125
Arsenic	283	232	82.1	70 - 99.5
Barium	326	300	92.0	73.9 - 107.1
Beryllium	175	159	91.0	75.4 - 107.4
Cadmium	95.8	81.6	85.1	72.3 - 103.7
Calcium	5470	5190	94.8	79.5 - 113.2
Chromium	239	223	93.3	72.4 - 106.3
Cobalt	150	139	92.5	76 - 107.3
Copper	217	210	97.0	74.6 - 105.1
Iron	7360	6980	94.9	53 - 127.9
Lead	210	181	86.2	75.7 - 109.5
Magnesium	2080	1950	93.6	67.3 - 111.1
Manganese	290	265	91.5	73.4 - 107.3
Nickel	329	301	91.4	74.5 - 106.7
Potassium	2330	2180	93.6	60.9 - 111.6
Selenium	281	267	95.0	77.6 - 115.7
Silver	82.7	73.1	88.4	73.8 - 111.7
Sodium	427	397	93.0	71.2 - 118.7
Thallium	123	107	87.2	70.2 - 104.9
Vanadium	192	176	91.5	68.8 - 107.8
Zinc	260	230	88.4	72.7 - 109.2

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50797
Laboratory ID: BA50797-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	5920	77.0	35.7 - 119
Antimony	244	57.3	23.5	0 - 125
Arsenic	283	219	77.3	70 - 99.5
Barium	326	276	84.7	73.9 - 107.1
Beryllium	175	152	87.0	75.4 - 107.4
Cadmium	95.8	76.4	79.8	72.3 - 103.7
Calcium	5470	4830	88.4	79.5 - 113.2
Chromium	239	194	81.2	72.4 - 106.3
Cobalt	150	132	88.3	76 - 107.3
Copper	217	196	90.2	74.6 - 105.1
Iron	7360	6160	83.7	53 - 127.9
Lead	210	178	84.8	75.7 - 109.5
Magnesium	2080	1760	84.4	67.3 - 111.1
Manganese	290	249	85.7	73.4 - 107.3
Nickel	329	285	86.5	74.5 - 106.7
Potassium	2330	1900	81.6	60.9 - 111.6
Selenium	281	246	87.5	77.6 - 115.7
Silver	82.7	46.7	56.5 *	73.8 - 111.7
Sodium	427	375	87.8	71.2 - 118.7
Thallium	123	103	83.5	70.2 - 104.9
Vanadium	192	154	80.0	68.8 - 107.8
Zinc	260	219	84.3	72.7 - 109.2

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

Field Blank 010825

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Laboratory ID: S5A1405-SRD5
Sequence: S5A1405
Lab Source ID: 25A0469-12
Preparation: BA50687
Initial/Final: 45 / 50
Source Sample Name: Field Blank 010825
% Solids:

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	ND		ND				EPA 6010D	10
Barium	ND		ND				EPA 6010D	10
Calcium	0.0952		ND				EPA 6010D	10
Chromium	ND		ND				EPA 6010D	10
Cobalt	ND		ND				EPA 6010D	10
Copper	ND		ND				EPA 6010D	10
Iron	ND		ND				EPA 6010D	10
Lead	ND		ND				EPA 6010D	10
Magnesium	ND		ND				EPA 6010D	10
Manganese	ND		ND				EPA 6010D	10
Nickel	ND		ND				EPA 6010D	10
Potassium	0.242		0.961		298 *		EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	0.627		ND				EPA 6010D	10
Vanadium	ND		ND				EPA 6010D	10
Zinc	ND		ND				EPA 6010D	10

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

UIC006

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Laboratory ID: S5A1435-SRD2
Sequence: S5A1435
Lab Source ID: 25A0469-06
Preparation: BA50710
Initial/Final: 0.6 / 50
Source Sample Name: UIC006
% Solids: 69.84

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	4640		5340		15.0 *		EPA 6010D	10
Antimony	ND		ND				EPA 6010D	10
Arsenic	3.26		ND				EPA 6010D	10
Barium	17.2		20.3		17.9 *		EPA 6010D	10
Beryllium	0.160		ND				EPA 6010D	10
Cadmium	ND		ND				EPA 6010D	10
Calcium	1510		1850		22.4 *		EPA 6010D	10
Chromium	9.40		11.2		18.7 *		EPA 6010D	10
Cobalt	3.17		3.88		22.2 *		EPA 6010D	10
Copper	25.2		28.9		14.8 *		EPA 6010D	10
Iron	5040		5940		17.9 *		EPA 6010D	10
Lead	17.6		21.2		20.5 *		EPA 6010D	10
Magnesium	1210		1490		23.4 *		EPA 6010D	10
Manganese	40.1		48.2		20.1 *		EPA 6010D	10
Nickel	9.59		11.2		16.9 *		EPA 6010D	10
Potassium	361		420		16.5 *		EPA 6010D	10
Selenium	ND		ND				EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	134		ND				EPA 6010D	10
Thallium	ND		ND				EPA 6010D	10
Vanadium	39.0		46.3		18.6 *		EPA 6010D	10
Zinc	64.7		79.5		22.9 *		EPA 6010D	10

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0469

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1405 Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1405-ICB1	Aluminum	-0.00230	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	-0.000700	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000300	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.000100	0.0200	ug/mL		EPA 6010D
	Iron	0.0247	0.250	ug/mL		EPA 6010D
	Lead	-0.000800	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00560	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.230	0.0500	ug/mL	*	EPA 6010D
	Silver	-0.000200	0.00500	ug/mL		EPA 6010D
	Sodium	0.0154	0.500	ug/mL		EPA 6010D
	Vanadium	0.000200	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000200	0.0250	ug/mL		EPA 6010D
S5A1405-CCB1	Aluminum	0.00160	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	0.00630	0.0500	ug/mL		EPA 6010D
	Chromium	0.000200	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.000200	0.0200	ug/mL		EPA 6010D
	Iron	0.0322	0.250	ug/mL		EPA 6010D
	Lead	-0.00300	0.00500	ug/mL		EPA 6010D
	Magnesium	0.0149	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.191	0.0500	ug/mL	*	EPA 6010D
	Silver	-0.000600	0.00500	ug/mL		EPA 6010D
	Sodium	0.0214	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000200	0.0250	ug/mL		EPA 6010D
S5A1405-CCBC	Aluminum	0.0135	0.0500	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1405
Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1405-CCBC	Barium	0.000500	0.0250	ug/mL		EPA 6010D
	Calcium	0.0709	0.0500	ug/mL	*	EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	0.00	0.00400	ug/mL		EPA 6010D
	Copper	0.00140	0.0200	ug/mL		EPA 6010D
	Iron	0.0205	0.250	ug/mL		EPA 6010D
	Lead	-0.00140	0.00500	ug/mL		EPA 6010D
	Magnesium	0.0136	0.0500	ug/mL		EPA 6010D
	Manganese	0.000100	0.00500	ug/mL		EPA 6010D
	Nickel	0.000500	0.0100	ug/mL		EPA 6010D
	Potassium	0.287	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000200	0.00500	ug/mL		EPA 6010D
	Sodium	0.242	0.500	ug/mL		EPA 6010D
	Vanadium	0.000600	0.0100	ug/mL		EPA 6010D
	Zinc	0.00290	0.0250	ug/mL		EPA 6010D
BA50687-BLK1	Aluminum	0.00222	0.0556	mg/L		EPA 6010D
	Barium	0.000111	0.0278	mg/L		EPA 6010D
	Calcium	0.00889	0.0556	mg/L		EPA 6010D
	Chromium	0.000111	0.00556	mg/L		EPA 6010D
	Cobalt	0.000111	0.00444	mg/L		EPA 6010D
	Copper	0.00189	0.0222	mg/L		EPA 6010D
	Iron	0.00778	0.278	mg/L		EPA 6010D
	Lead	-0.00300	0.00556	mg/L		EPA 6010D
	Magnesium	0.00478	0.0556	mg/L		EPA 6010D
	Manganese	-0.000111	0.00556	mg/L		EPA 6010D
	Nickel	0.000333	0.0111	mg/L		EPA 6010D
	Potassium	0.0396	0.0556	mg/L		EPA 6010D
	Silver	-0.000778	0.00556	mg/L		EPA 6010D
	Sodium	0.160	0.556	mg/L		EPA 6010D
	Vanadium	0.000111	0.0111	mg/L		EPA 6010D
	Zinc	-0.000556	0.0278	mg/L		EPA 6010D
S5A1405-CCBD	Aluminum	0.0114	0.0500	ug/mL		EPA 6010D
	Barium	0.00100	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1405
Calibration: 01/13/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1405-CCBD	Calcium	0.0556	0.0500	ug/mL	*	EPA 6010D
	Chromium	0.000300	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000100	0.00400	ug/mL		EPA 6010D
	Copper	0.00210	0.0200	ug/mL		EPA 6010D
	Iron	0.0433	0.250	ug/mL		EPA 6010D
	Lead	-0.000400	0.00500	ug/mL		EPA 6010D
	Magnesium	0.0157	0.0500	ug/mL		EPA 6010D
	Manganese	0.000400	0.00500	ug/mL		EPA 6010D
	Nickel	0.000600	0.0100	ug/mL		EPA 6010D
	Potassium	0.108	0.0500	ug/mL	*	EPA 6010D
	Silver	-0.000500	0.00500	ug/mL		EPA 6010D
	Sodium	0.136	0.500	ug/mL		EPA 6010D
	Vanadium	0.000100	0.0100	ug/mL		EPA 6010D
	Zinc	0.00220	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0469

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-ICB1	Aluminum	0.026	0.050	ug/mL		EPA 6010D
	Antimony	-0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00005	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	-0.021	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.026	0.250	ug/mL		EPA 6010D
	Lead	-0.0009	0.005	ug/mL		EPA 6010D
	Magnesium	-0.006	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.139	0.050	ug/mL	*	EPA 6010D
	Selenium	0.001	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	-0.014	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	-0.0004	0.025	ug/mL		EPA 6010D
S5A1518-CCB1	Aluminum	0.009	0.050	ug/mL		EPA 6010D
	Antimony	0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0005	0.015	ug/mL		EPA 6010D
	Barium	0.00	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00003	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.001	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.020	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0469

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB1	Lead	-0.0005	0.005	ug/mL		EPA 6010D
	Magnesium	-0.002	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.078	0.050	ug/mL	*	EPA 6010D
	Selenium	0.002	0.025	ug/mL		EPA 6010D
	Silver	0.0007	0.005	ug/mL		EPA 6010D
	Sodium	-0.008	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D
S5A1518-CCB2	Aluminum	0.009	0.050	ug/mL		EPA 6010D
	Antimony	0.004	0.025	ug/mL		EPA 6010D
	Arsenic	-0.001	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.0001	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	0.006	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.0008	0.020	ug/mL		EPA 6010D
	Iron	0.012	0.250	ug/mL		EPA 6010D
	Lead	0.001	0.005	ug/mL		EPA 6010D
	Magnesium	-0.003	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.100	0.050	ug/mL	*	EPA 6010D
	Selenium	0.003	0.025	ug/mL		EPA 6010D
	Silver	0.0009	0.005	ug/mL		EPA 6010D
	Sodium	-0.004	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	0.0007	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1518
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCBD	Lead	0.0004	0.005	ug/mL		EPA 6010D
	Magnesium	-0.021	0.050	ug/mL		EPA 6010D
	Manganese	0.0001	0.005	ug/mL		EPA 6010D
	Nickel	-0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.103	0.050	ug/mL	*	EPA 6010D
	Selenium	0.004	0.025	ug/mL		EPA 6010D
	Silver	0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.075	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0004	0.010	ug/mL		EPA 6010D
	Zinc	-0.0002	0.025	ug/mL		EPA 6010D
BA50797-BLK1	Aluminum	0.525	4.17	mg/kg wet		EPA 6010D
	Antimony	-0.200	2.08	mg/kg wet		EPA 6010D
	Arsenic	-0.008	1.25	mg/kg wet		EPA 6010D
	Barium	-0.008	2.08	mg/kg wet		EPA 6010D
	Beryllium	-0.0008	0.042	mg/kg wet		EPA 6010D
	Cadmium	0.00	0.250	mg/kg wet		EPA 6010D
	Calcium	-0.975	4.17	mg/kg wet		EPA 6010D
	Chromium	0.00	0.417	mg/kg wet		EPA 6010D
	Cobalt	0.050	0.333	mg/kg wet		EPA 6010D
	Copper	-0.008	1.67	mg/kg wet		EPA 6010D
	Iron	1.99	20.8	mg/kg wet		EPA 6010D
	Lead	0.150	0.417	mg/kg wet		EPA 6010D
	Magnesium	-1.38	4.17	mg/kg wet		EPA 6010D
	Manganese	0.00	0.417	mg/kg wet		EPA 6010D
	Nickel	0.067	0.830	mg/kg wet		EPA 6010D
	Potassium	11.9	4.17	mg/kg wet	*	EPA 6010D
	Selenium	0.075	2.08	mg/kg wet		EPA 6010D
	Silver	0.042	0.420	mg/kg wet		EPA 6010D
	Sodium	5.12	41.7	mg/kg wet		EPA 6010D
	Thallium	0.100	1.00	mg/kg wet		EPA 6010D
	Vanadium	0.017	0.830	mg/kg wet		EPA 6010D
	Zinc	-0.058	2.08	mg/kg wet		EPA 6010D

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/13/25
Sequence: S5A1405

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1405-IFA1	Aluminum	500	532.81	107	ug/mL
	Barium		0.00		ug/mL
	Calcium	500	481.92	96.4	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	208.48	104	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	505.96	101	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		0.01		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.04		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S5A1405-IFB1	Aluminum	500	531.13	106	ug/mL
	Barium	0.500	0.51	102	ug/mL
	Calcium	500	484.99	97.0	ug/mL
	Chromium	0.500	0.50	99.3	ug/mL
	Cobalt	0.500	0.48	96.3	ug/mL
	Copper	0.500	0.58	116	ug/mL
	Iron	200	207.74	104	ug/mL
	Lead	1.00	0.94	94.2	ug/mL
	Magnesium	500	507.48	101	ug/mL
	Manganese	0.500	0.50	99.3	ug/mL
	Nickel	1.00	0.96	95.9	ug/mL
	Potassium		0.16		ug/mL
	Silver	1.00	1.13	113	ug/mL

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/14/25
Sequence: S5A1435

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1435-IFA1	Aluminum	500	541.65	108	ug/mL
	Antimony		-0.01		ug/mL
	Arsenic		0.00		ug/mL
	Barium		0.00		ug/mL
	Beryllium		0.00		ug/mL
	Cadmium		0.00		ug/mL
	Calcium	500	481.90	96.4	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	205.69	103	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	495.27	99.1	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		-0.08		ug/mL
	Selenium		0.00		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.03		ug/mL
	Thallium		0.00		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S5A1435-IFB1	Aluminum	500	540.46	108	ug/mL
	Antimony	0.500	0.50	99.5	ug/mL
	Arsenic	0.500	0.00	0.420 *	ug/mL
	Barium	0.500	0.49	98.5	ug/mL
	Beryllium	0.500	0.50	100	ug/mL
	Cadmium	1.00	0.91	90.6	ug/mL
	Calcium	500	478.79	95.8	ug/mL

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/15/25
Sequence: S5A1518

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1518-IFA1	Aluminum	500	550.64	110	ug/mL
	Antimony		-0.01		ug/mL
	Arsenic		0.00		ug/mL
	Barium		0.00		ug/mL
	Beryllium		0.00		ug/mL
	Cadmium		0.00		ug/mL
	Calcium	500	486.54	97.3	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	210.09	105	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	502.77	101	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		0.01		ug/mL
	Selenium		0.01		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.04		ug/mL
	Thallium		0.01		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S5A1518-IFB1	Aluminum	500	545.43	109	ug/mL
	Antimony	0.500	0.49	97.2	ug/mL
	Arsenic	0.500	0.00	0.900 *	ug/mL
	Barium	0.500	0.50	99.8	ug/mL
	Beryllium	0.500	0.52	103	ug/mL
	Cadmium	1.00	0.90	90.3	ug/mL
	Calcium	500	478.63	95.7	ug/mL

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: Nexion2000C
Calibration: 01/15/25
Control Limt: +/- 10.00%
Sequence: S5A1516

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S5A1516-ICV1	Antimony	50.0	52.3	105	ug/L	EPA 6020B
	Arsenic	50.0	49.2	98.4	ug/L	EPA 6020B
	Beryllium	50.0	47.5	94.9	ug/L	EPA 6020B
	Cadmium	50.0	47.9	95.8	ug/L	EPA 6020B
	Selenium	50.0	55.5	111 *	ug/L	EPA 6020B
	Thallium	50.0	49.9	99.8	ug/L	EPA 6020B
S5A1516-CCV1	Antimony	50.0	52.8	106	ug/L	EPA 6020B
	Arsenic	50.0	53.4	107	ug/L	EPA 6020B
	Beryllium	50.0	48.3	96.5	ug/L	EPA 6020B
	Cadmium	50.0	49.1	98.1	ug/L	EPA 6020B
	Selenium	50.0	46.0	92.1	ug/L	EPA 6020B
	Thallium	50.0	48.6	97.2	ug/L	EPA 6020B
S5A1516-CCV2	Antimony	50.0	50.3	101	ug/L	EPA 6020B
	Arsenic	50.0	50.4	101	ug/L	EPA 6020B
	Beryllium	50.0	46.1	92.1	ug/L	EPA 6020B
	Cadmium	50.0	49.6	99.3	ug/L	EPA 6020B
	Selenium	50.0	43.3	86.5 *	ug/L	EPA 6020B
	Thallium	50.0	50.6	101	ug/L	EPA 6020B
S5A1516-CCV3	Antimony	50.0	49.5	99.1	ug/L	EPA 6020B
	Arsenic	50.0	49.6	99.1	ug/L	EPA 6020B
	Beryllium	50.0	46.2	92.5	ug/L	EPA 6020B
	Cadmium	50.0	47.3	94.6	ug/L	EPA 6020B
	Selenium	50.0	51.9	104	ug/L	EPA 6020B
	Thallium	50.0	52.5	105	ug/L	EPA 6020B

* Values outside of QC limits

DUPLICATES

UIC006

EPA 7473

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0469
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Laboratory ID: BA50792-DUP1
Batch: BA50792
Lab Source ID: 25A0469-06
Preparation: EPA 7473 soil
Initial/Final: 0.2 g / 0.2 g
Source Sample Name: UIC006
% Solids: 69.84

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Mercury	35	0.19331		0.114		51.7	*	EPA 7473

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7196A

UIC006

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50659	Laboratory ID:	BA50659-MS1
Preparation:	EPA SW846-3060	Initial/Final:	2.5 g / 100 mL

Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Chromium, Hexavalent	28.6	ND	8.53	29.8 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7196A

UIC006

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0469
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50659	Laboratory ID:	BA50659-MSD1
Preparation:	EPA SW846-3060	Initial/Final:	2.5 g / 100 mL

Source Sample Name: UIC006

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Chromium, Hexavalent	28.6	11.4	39.8	*	28.7	200	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

HOLDING TIME SUMMARY

EPA 7196A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0469

Client: H2M architects + engineers Project: ORFD2301

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
UIC001	01/08/25 08:45	01/09/25 16:30	01/13/25 06:28	4.90	30.00	01/13/25 11:18	0.20	7.00	
UIC002	01/08/25 09:05	01/09/25 16:30	01/13/25 06:28	4.89	30.00	01/13/25 11:18	0.20	7.00	
UIC003	01/08/25 09:29	01/09/25 16:30	01/13/25 06:28	4.87	30.00	01/13/25 11:18	0.20	7.00	
UIC004	01/08/25 10:03	01/09/25 16:30	01/13/25 06:28	4.85	30.00	01/13/25 11:18	0.20	7.00	
UIC005	01/08/25 10:30	01/09/25 16:30	01/13/25 06:28	4.83	30.00	01/13/25 11:18	0.20	7.00	
UIC006	01/08/25 11:07	01/09/25 16:30	01/13/25 06:28	4.81	30.00	01/13/25 11:18	0.20	7.00	
UIC007	01/08/25 11:30	01/09/25 16:30	01/13/25 06:28	4.79	30.00	01/13/25 11:18	0.20	7.00	
UIC008	01/08/25 13:19	01/09/25 16:30	01/13/25 06:28	4.71	30.00	01/13/25 11:18	0.20	7.00	
UIC009	01/08/25 13:30	01/09/25 16:30	01/13/25 06:28	4.71	30.00	01/13/25 11:18	0.20	7.00	
UIC010	01/08/25 13:45	01/09/25 16:30	01/13/25 06:28	4.70	30.00	01/13/25 11:18	0.20	7.00	
UIC00X	01/08/25 10:05	01/09/25 16:30	01/13/25 06:28	4.85	30.00	01/13/25 11:18	0.20	7.00	
Field Blank 010825	01/08/25 12:17	01/09/25 16:30	01/09/25 19:24	1.30	1.00	01/09/25 21:22	1.38	1.00	*
Equipment Blank 010825	01/08/25 12:45	01/09/25 16:30	01/09/25 19:24	1.28	1.00	01/09/25 21:22	1.36	1.00	*

Initial Calibration Report - LCQQQ

Agilent Technologies

Method Path	D:\MassHunter\Data
Method File	2024-12-31B-1633-ICAL.batch.bin
Batch Name	D:\MassHunter\Data\QuantResults\2025-01-14A-1633.batch.bin
Last Calib Update	1/3/2025 10:06:56 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\MassHunter\Data\QQQ48592.d	12/31/2024 6:12:36 PM	1/3/2025 10:06:56 AM
2	D:\MassHunter\Data\QQQ48593.d	12/31/2024 6:28:40 PM	1/3/2025 10:06:56 AM
3	D:\MassHunter\Data\QQQ48594.d	12/31/2024 6:44:44 PM	1/3/2025 10:06:56 AM
4	D:\MassHunter\Data\QQQ48595.d	12/31/2024 7:00:48 PM	1/3/2025 10:06:56 AM
5	D:\MassHunter\Data\QQQ48596.d	12/31/2024 7:16:54 PM	1/3/2025 10:06:56 AM
6	D:\MassHunter\Data\QQQ48597.d	12/31/2024 7:33:00 PM	1/3/2025 10:06:56 AM
7	D:\MassHunter\Data\QQQ48598.d	12/31/2024 7:49:06 PM	1/3/2025 10:06:56 AM
8	D:\MassHunter\Data\QQQ48599.d	12/31/2024 8:05:09 PM	1/3/2025 10:06:56 AM

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I M3PFBA				---------- ISTD ----------							
S Perfluoro-n-[13C4]butanoic acid (MPFBA)	Avg RF	2.0764	2.1537	2.0639	2.1658	2.2213	2.0046	2.1569	2.0019	2.1056	3.828
I MPFDA				---------- ISTD ----------							
S M6PFDA	Avg RF	1.4148	1.6073	1.4279	1.3936	1.6900	1.3764	1.3120	1.1347	1.4196	12.018
S M7PFUdA	Avg RF	1.9731	2.0617	2.4184	2.3269	2.6823	2.0645	2.0823	1.6626	2.1590	14.379
S Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	Avg RF	1.8962	1.9640	2.1528	2.0463	2.5332	2.1097	2.2420	2.1247	2.1336	9.123
S M2PFTeDA	Avg RF	0.8127	0.8591	0.9001	0.9959	1.1403	0.9221	1.0199	0.9523	0.9503	10.790
I MPFHxA				---------- ISTD ----------							
S Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)	Avg RF	1.5068	1.6188	1.4738	1.5874	1.5562	1.3412	1.4153	1.3445	1.4805	7.183
S M5PFHxA	Avg RF	1.6705	1.7434	1.6273	1.7547	1.6922	1.4650	1.5725	1.5109	1.6296	6.504
S M3-HFPO-DA	Avg RF	0.3081	0.3253	0.2757	0.2919	0.2698	0.2421	0.2625	0.2095	0.2731	13.441
S M4PFHpA	Avg RF	0.3297	0.3861	0.3212	0.3543	0.3272	0.2832	0.3121	0.2296	0.3179	14.677
I MPFHxS				---------- ISTD ----------							
S M3PFBS	Avg RF	4.7475	4.4783	4.3553	4.6861	4.4356	3.8358	4.5431	3.9249	4.3758	7.588
S M2-4-2FTS	Avg RF	5.9578	5.6295	5.6425	5.6288	5.9297	5.5445			5.7221	3.065
S M3PFHxS	Avg RF	3.5347	3.1880	3.1118	3.2401	3.3138	2.8772	3.0649	2.4133	3.0930	10.821
S M2-6-2FTS	Avg RF	3.8434	3.6092	3.5700	3.6347	3.8796	3.7698			3.7178	3.511
S M2-8-2FTS	Avg RF	6.3238	6.0897	5.9941	6.3584	6.6487	6.1453			6.2600	3.765
I MPFNA				---------- ISTD ----------							
S Perfluoro-n-[13C9]nonanoic acid (M9PFNA)	Avg RF	0.3045	0.3364	0.2985	0.3145	0.3315	0.3093	0.3458	0.2559	0.3121	8.996
I MPFOA				---------- ISTD ----------							
S Perfluoro-n-[13C8]octanoic acid (M8PFOA)	Avg RF	0.8208	0.9048	0.9345	0.8767	0.9679	0.8029	0.9493	0.7947	0.8814	7.772
I MPFOS				---------- ISTD ----------							
S Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	Avg RF	0.4163	0.3895	0.3841	0.3906	0.4113	0.4233	0.3960	0.4436	0.4068	5.030
S d3-N-MeFOSAA	Avg RF	1.7475	1.7825	1.6487	1.7952	1.7724	1.6408	1.8024	1.7338	1.7404	3.637

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
S d5-N-EtFOSAA	Avg RF	1.5542	1.5987	1.5164	1.5202	1.4884	1.3303	1.5034	1.2559	1.4709	7.926
S Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	Avg RF	1.5716	1.5287	1.4922	1.5493	1.5400	1.5631	1.6144	1.6518	1.5639	3.197
S d7-NMeFOSE	Avg RF	0.1270	0.1213	0.1164	0.1255	0.1299	0.1177	0.1260	0.1190	0.1228	4.003
S d3-NMeFOSA	Avg RF	0.3064	0.2951	0.3179	0.2799	0.3319	0.2948	0.3043	0.2979	0.3035	5.229
S d9-NEtFOSE	Avg RF	0.0590	0.0571	0.0601	0.0588	0.0648	0.0562	0.0602	0.0564	0.0591	4.700
S d5-NEtFOSA	Avg RF	0.2286	0.2085	0.2306	0.2101	0.2238	0.1900	0.1947	0.1995	0.2107	7.407
I Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS				---------- ISTD ----------							
T PFMPA	Quadratic	0.3171	0.3104	0.2945	0.2987	0.2980	0.2947	0.3079	0.3084	0.3037	2.750
T 3:3FTCA	Quadratic	0.0228	0.0205	0.0217	0.0217	0.0207	0.0204	0.0204	0.0218	0.0213	4.050
T Perfluoro-n-pentanoic acid (PFPeA)	Quadratic	1.0756	0.9419	0.9907	0.9994	0.9979	1.0018	0.9713	0.9975	0.9970	3.782
T PFMBA	Quadratic	0.4348	0.4260	0.3936	0.3914	0.3916	0.3978	0.4086	0.3772	0.4026	4.801
I d3-NMeFOSA-EIS				---------- ISTD ----------							
T NMeFOSA	Quadratic	1.0065	0.9521	0.8051	0.8497	0.7722	0.7681	0.7809	0.7798	0.8393	10.889
I d3-N-MeFOSAA-EIS				---------- ISTD ----------							
T N-MeFOSAA	Quadratic	0.7780	0.8960	0.8854	0.7908	0.8500	0.8327	0.7891	0.8377	0.8325	5.327
I d5-NEtFOSA-EIS				---------- ISTD ----------							
T NEtFOSA	Quadratic	1.0554	1.2106	0.9628	1.0963	1.1412	1.1519	1.2217	1.1484	1.1235	7.533
I d5-N-EtFOSAA-EIS				---------- ISTD ----------							
T N-EtFOSAA	Quadratic	1.1098	0.7751	0.9456	0.9484	0.9420	0.9533	0.8401	0.9245	0.9299	10.418
I d7-NMeFOSE-EIS				---------- ISTD ----------							
T NMeFOSE	Quadratic	0.9806	0.9873	0.9156	0.8349	0.8716	0.8435	0.8364	0.8756	0.8932	6.935
I d9-NEtFOSE-EIS				---------- ISTD ----------							
T NEtFOSE	Linear	2.2335	2.2055	2.0098	2.0159	1.7918	1.9360	1.8331	2.0226	2.0060	7.828
I M2-4-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-hexanesulfonate (4 2FTS)	Quadratic	1.1774	1.0843	1.0763	1.0375	0.9172	0.7140			1.0011	16.378
I M2-6-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-octanesulfonate (6 2FTS)	Quadratic	1.6276	1.4669	1.4694	1.4061	1.2293	0.9403			1.3566	17.761
I M2-8-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-decanesulfonate (8 2FTS)	Quadratic	0.2357	0.2197	0.1886	0.1875	0.1639	0.1294			0.1875	20.359
I M2PFTeDA-EIS				---------- ISTD ----------							
T Perfluorotridecanoic acid (PFTrDA)	Quadratic	1.1939	1.3037	1.2749	1.1250	1.1306	1.2051	0.9274	1.0310	1.1489	10.855
T Perfluorotetradecanoic acid (PFTA)	Quadratic	1.0577	1.0511	0.9958	0.9056	1.0577	1.0604	1.0274	0.9324	1.0110	6.052
I M3-HFPO-DA-EIS				---------- ISTD ----------							
T HFPO-DA	Quadratic	0.1028	0.0748	0.0889	0.0940	0.0945	0.0962	0.0869	0.0825	0.0901	9.704
T ADONA	Quadratic	1.9878	2.0986	1.9436	2.0461	2.2041	2.1128	1.9450	1.9807	2.0398	4.549
T 9-Cl-PF3ONS	Quadratic	5.5373	6.0400	5.9793	6.0959	6.5175	6.0282	5.3116	5.3940	5.8630	7.017
T 11-Cl-PF3OUdS	Quadratic	3.4547	3.6144	3.5557	3.7790	4.0188	3.9416	3.7815	4.0745	3.7775	5.948

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I M3PFBS-EIS						ISTD					
T Perfluorobutanesulfonic acid (PFBS)	Quadratic	1.2108	1.0432	1.1227	1.0645	1.1086	1.0905	1.0825	1.1165	1.1049	4.568
I M3PFHxS-EIS						ISTD					
T Perfluoro-1-pentanesulfonate (L-PFPeS)	Quadratic	1.2951	1.1941	1.3076	1.3836	1.2558	1.2571	1.4083	1.5935	1.3369	9.337
T Perfluorohexanesulfonic acid (PFHxS)	Quadratic	1.2938	1.0933	1.2457	1.2089	1.1492	1.0868	1.1463	1.2224	1.1808	6.256
I M4PFHpA-EIS						ISTD					
T Perfluoroheptanoic acid (PFHpA)	Quadratic	3.7669	2.9209	2.9920	2.9447	3.1559	3.1652	2.9680	3.7745	3.2110	11.128
I M5PFHxA-EIS						ISTD					
T PFEESA	Quadratic	1.2450	1.2356	1.1563	1.1453	1.1749	1.1770	1.1601	1.0496	1.1680	5.154
T NFDHA	Quadratic	0.0118	0.0101	0.0088	0.0091	0.0115	0.0101	0.0108	0.0079	0.0100	13.377
T Perfluorohexanoic acid (PFHxA)	Quadratic	1.2078	1.1437	1.0949	1.0964	1.1171	1.1195	1.0522	1.0933	1.1156	4.097
T 5-3FTCA	Quadratic	0.1714	0.1604	0.1654	0.1666	0.1597	0.1473	0.1369	0.1191	0.1534	11.595
T 7-3FTCA	Quadratic	0.2105	0.1905	0.1872	0.1977	0.1876	0.1718	0.1606	0.1442	0.1813	11.749
I M6PFDA-EIS						ISTD					
T Perfluorodecanoic acid (PFDA)	Quadratic	1.1707	0.9446	1.1275	1.1800	1.0703	1.0522	1.1238	1.0765	1.0932	6.935
I M7PFUdA-EIS						ISTD					
T Perfluoroundecanoic acid (PFUnA)	Quadratic	0.7998	0.8664	0.6976	0.7935	0.7348	0.8351	0.7417	0.7707	0.7799	7.098
I Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS						ISTD					
T Perfluoro-1-octanesulfonamide (FOSA)	Quadratic	1.9295	1.7789	1.8854	1.8816	1.8748	1.5984	1.6369	1.5221	1.7634	8.852
I Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS						ISTD					
T Perfluoro-1-heptanesulfonate (L-PFHpS)	Quadratic	3.2303	3.1172	3.2466	3.2321	3.2319	2.7868	3.0889	2.5775	3.0639	8.130
T Perfluorooctanesulfonic acid (PFOS)	Quadratic	2.8822	2.6441	2.6539	2.7415	2.6285	2.3123	2.5759	2.3080	2.5933	7.623
T Perfluorononanesulfonate (L-PFNS)	Quadratic	2.0839	2.0149	2.2423	2.2478	2.1575	1.7119	1.8632	1.6502	1.9965	11.610
T Perfluoro-1-decanesulfonate (L-PFDS)	Quadratic	1.0460	0.8671	0.7903	0.7856	0.8172	0.7493	0.8295	0.7252	0.8263	12.028
T Perfluorododecanesulfonic acid (PFDoS)	Quadratic	0.4423	0.4588	0.4945	0.4766	0.4809	0.4031	0.4838	0.4136	0.4567	7.442
I Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS						ISTD					
T Perfluorododecanoic acid (PFDoA)	Quadratic	0.7821	0.7410	0.6950	0.7298	0.7069	0.7514	0.7298	0.7357	0.7340	3.626
I Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS						ISTD					
T Perfluoro-n-butanoic acid (PFBA)	Quadratic	0.8728	0.8048	0.8647	0.8485	0.8394	0.8551	0.8440	0.8766	0.8507	2.688
I Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS						ISTD					
T Perfluorooctanoic acid (PFOA)	Linear	1.3612	1.0783	1.0863	1.1925	1.0790	1.0899	1.0448	1.2038	1.1420	9.227
I Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS						ISTD					
T Perfluorononanoic acid (PFNA)	Linear	3.6144	3.4275	3.1995	3.2945	3.2113	2.7550	2.9512	3.6204	3.2592	9.285

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Compounds with Curve fitting not using Avg Response Factor:

Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
T Perfluoro-n-butanoic acid (PFBA)	Quadratic	y = 0.001789 * x ^ 2 + 0.831592 * x	0.999977
T PFMPA	Quadratic	y = 2.597310E-004 * x ^ 2 + 0.302088 * x	0.999937
T 3:3FTCA	Quadratic	y = 3.144835E-005 * x ^ 2 + 0.019813 * x	0.999958
T Perfluoro-n-pentanoic acid (PFPeA)	Quadratic	y = 0.001024 * x ^ 2 + 0.971476 * x	0.999941
T PFMBA	Quadratic	y = -0.001655 * x ^ 2 + 0.418864 * x	0.999850
T Perfluorobutanesulfonic acid (PFBS)	Quadratic	y = 0.001941 * x ^ 2 + 1.070022 * x	0.999980
T PFEESA	Quadratic	y = -0.003866 * x ^ 2 + 1.221955 * x	0.999969
T NFDHA	Quadratic	y = -6.505521E-005 * x ^ 2 + 0.011276 * x	0.995306
T 1H,1H,2H,2H-perfluoro-1-hexanesulfonate (4 2FTS)	Quadratic	y = -0.036449 * x ^ 2 + 1.077689 * x	0.999729
T Perfluorohexanoic acid (PFHxA)	Quadratic	y = 0.001254 * x ^ 2 + 1.061042 * x	0.999791
T Perfluoro-1-pentanesulfonate (L-PFPeS)	Quadratic	y = 0.013840 * x ^ 2 + 1.250820 * x	0.999881
T HFPO-DA	Quadratic	y = -4.259629E-004 * x ^ 2 + 0.093074 * x	0.999690
T Perfluoroheptanoic acid (PFHpA)	Quadratic	y = 0.036917 * x ^ 2 + 2.823747 * x	0.998253
T 5-3FTCA	Quadratic	y = -5.231916E-005 * x ^ 2 + 0.151699 * x	0.999839
T Perfluorohexanesulfonic acid (PFHxS)	Quadratic	y = 0.005545 * x ^ 2 + 1.088803 * x	0.999933
T ADONA	Quadratic	y = -0.001171 * x ^ 2 + 2.006169 * x	0.999635
T 1H,1H,2H,2H-perfluoro-1-octanesulfonate (6 2FTS)	Quadratic	y = -0.052231 * x ^ 2 + 1.461048 * x	0.999618
T Perfluorooctanoic acid (PFOA)	Linear	y = 1.178255 * x	0.996704
T Perfluoro-1-heptanesulfonate (L-PFHpS)	Quadratic	y = -0.026814 * x ^ 2 + 3.248625 * x	0.998900
T Perfluorononanoic acid (PFNA)	Linear	y = 3.500377 * x	0.991951
T Perfluorooctanesulfonic acid (PFOS)	Quadratic	y = -0.012842 * x ^ 2 + 2.622029 * x	0.999219
T 7-3FTCA	Quadratic	y = -5.007952E-005 * x ^ 2 + 0.175360 * x	0.999797
T 9-Cl-PF3ONS	Quadratic	y = -0.010238 * x ^ 2 + 5.623588 * x	0.999092
T 1H,1H,2H,2H-perfluoro-1-decanesulfonate (8 2FTS)	Quadratic	y = -0.007047 * x ^ 2 + 0.198931 * x	0.997683
T Perfluorodecanoic acid (PFDA)	Quadratic	y = -8.352759E-004 * x ^ 2 + 1.119148 * x	0.999758
T Perfluorononanesulfonate (L-PFNS)	Quadratic	y = -0.011898 * x ^ 2 + 1.950663 * x	0.999013
T N-MeFOSAA	Quadratic	y = 0.004157 * x ^ 2 + 0.785005 * x	0.999774
T N-EtFOSAA	Quadratic	y = 0.006024 * x ^ 2 + 0.847563 * x	0.999096
T Perfluoro-1-decanesulfonate (L-PFDS)	Quadratic	y = -0.004955 * x ^ 2 + 0.851117 * x	0.999149
T Perfluoroundecanoic acid (PFUnA)	Quadratic	y = 1.767817E-004 * x ^ 2 + 0.760984 * x	0.999381
T Perfluoro-1-octanesulfonamide (FOSA)	Quadratic	y = -0.007181 * x ^ 2 + 1.701613 * x	0.999746
T 11-Cl-PF3OUdS	Quadratic	y = 0.015414 * x ^ 2 + 3.707140 * x	0.999824
T Perfluorododecanoic acid (PFDoA)	Quadratic	y = 5.198149E-005 * x ^ 2 + 0.732953 * x	0.999954
T Perfluorododecanesulfonic acid (PFDoS)	Quadratic	y = -0.002964 * x ^ 2 + 0.489661 * x	0.997929
T Perfluorotridecanoic acid (PFTrDA)	Quadratic	y = -0.001464 * x ^ 2 + 1.088758 * x	0.993115
T NMeFOSE	Quadratic	y = 0.002122 * x ^ 2 + 0.822223 * x	0.999950
T NMeFOSA	Quadratic	y = 8.434273E-005 * x ^ 2 + 0.777749 * x	0.999968
T Perfluorotetradecanoic acid (PFTA)	Quadratic	y = -0.003076 * x ^ 2 + 1.086366 * x	0.999923
T NEtFOSE	Linear	y = 1.993382 * x	0.998393
T NEtFOSA	Quadratic	y = -0.002999 * x ^ 2 + 1.224582 * x	0.999690

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Orient Point, ORFD2301
York Analytical Laboratory SDG#25A0590
March 27, 2025
Revised: April 16, 2025
Sampling date: 1/9/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(revised April 16, 2025) for H2M, project located at Orient Point, ORFD2301, SDG#25A0590 submitted to Vali-Data of WNY, LLC on January 24, 2025. his DUSR has been prepared in general compliance with USEPA National Functional Guidelines (NFG) NYSDEC; 'Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS)' (4/2023) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E, 8270D SIM), Pesticide (8081B), PCB (8082A), Herbicide (8151A), Inorganics/Mercury (6010D, 6020B, 7473, 7470A), Perfluorinated Hydrocarbons (1633 (12/2022)) and in accordance with wet chemistry methods.

ID	Sample ID	Laboratory ID
1	SB006 (0-2")	25A0590-01
2	SB006 (2"-24")	25A0590-02
3	SB006 (6-8ft)	25A0590-03
4	SB007 (0-2")	25A0590-04
5	SB007 (2"-24")	25A0590-05
6	SB007 (6-8ft)	25A0590-06
7	UIC011	25A0590-07
8	MW001	25A0590-08
9	MW002	25A0590-09
10	MW003	25A0590-10
11	MW004	25A0590-11
12	MW00X	25A0590-12
13	Equipment Blank 1/9/25	25A0590-13
14	Field Blank 1/9/25	25A0590-14
15	Trip Blank 1/9/25	25A0590-15

VOCs, SVOCs and PFAS were recorded to the method detection limits. All other analyses were recorded to the reporting limits.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank

-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Sample, MS/MSD, Compound Quantitation, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS or LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
BA50633	Hexachlorobutadiene	72.8	77.8	UJ	1-7
BA50773	Chloromethane	39.5	-	UJ	12-15
BA50773	Tetrachloroethene	67.4	-	UJ	12-15
BA50773	Dichlorodifluoromethane	11.4	-	UJ	12-15
BA50773	Vinyl chloride	50.3	-	UJ	12-15
BA50784	Acetone	180	-	JH	11
BA50784	Tetrachloroethene	68.4	-	UJ	8-11

The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but was not detected in the associated samples, so no further action is required.

MS/MSD

All criteria were met except a couple of target analytes were outside QC limits in the matrix spikes and should be as estimated.

Target Analyte	%Rec #11MS	%Rec #11MSD	RPD	Qualifier	Associated Sample
Acetone	217	207	-	JH	11
Bromomethane	-	-	35.5	UJ	11

COMPOUND QUANTITATION

All criteria were met except a target analyte was detected in the sample blanks and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
13	Chloroform	7.88	U at RL	9
14	Chloroform	15.8	U at RL	9

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the initial calibrations and/or the second source calibration verifications and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/SSCV Instrument	Target Analyte	RRF/Quad COD/%D	Qualifier	Associated Sample
ICal VOA No.10	1,4-Dioxane	RRF	UJ/J	BA50773, 12-15
ICal VOA No.10	1,1,2-Trichloroethane	RRF	UJ/J	BA50773, 12-15
ICal VOA No.10	1,2,3-Trichlorobenzene	RRF	UJ/J	BA50773, 12-15
ICal VOA No.10	1,2,4-Trichlorobenzene	RRF	UJ/J	BA50773, 12-15
ICal VOA No.10	1,2-Dibromoethane	RRF	UJ/J	BA50773, 12-15
ICal VOA No.10	Dibromochloromethane	RRF	UJ/J	BA50773, 12-15

ICal/SSCV Instrument	Target Analyte	RRF/Quad COD/%D	Qualifier	Associated Sample
SSCV VOA No.10	Acetone	42.5	UJ/J	BA50773, 12-15
SSCV VOA No.10	Acrolein	-55.6	UJ/J	BA50773, 12-15
SSCV VOA No.10	Bromoform	-23.5	UJ/J	BA50773, 12-15
SSCV VOA No.10	Tetrachloroethene	-43.1	UJ/J	BA50773, 12-15
ICal MS VOA2	Dibromochloromethane	RRF	UJ/J	BA50633, 1-7
ICal MS VOA2	Dichlorodifluoromethane	.998	UJ/J	BA50633, 1-7
SSCV MS VOA2	Acetone	107	UJ/J	BA50633, 1-7
SSCV MS VOA2	Acrolein	-43.2	UJ/J	BA50633, 1-7
SSCV MS VOA2	Vinyl chloride	-20.4	UJ/J	BA50633, 1-7
ICal VOA No.8	1,4-Dioxane	RRF	UJ/J	BA50784, 8-11, 11MS/MSD
ICal VOA No.8	1,1,2-Trichloroethane	RRF	UJ/J	BA50784, 8-11, 11MS/MSD
ICal VOA No.8	1,2-Dibromoethane	RRF	UJ/J	BA50784, 8-11, 11MS/MSD
SSCV VOA No.8	Acetone	72.9	UJ/J	BA50784, 8-11, 11MS/MSD
SSCV VOA No.8	Acrolein	-43.9	UJ/J	BA50784, 8-11, 11MS/MSD
SSCV VOA No.8	Chloromethane	-26.1	UJ/J	BA50784, 8-11, 11MS/MSD
SSCV VOA No.8	Tetrachloroethene	-46.3	UJ/J	BA50784, 8-11, 11MS/MSD

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1323-CCV1	Dibromochloromethane	RRF	UJ/J	BA50633, 1-7
S5A1323-CCV1	Vinyl chloride	-25.4	UJ/J	BA50633, 1-7
S5A1323-CCV1	Dichlorodifluoromethane	-56.7	UJ/J	BA50633, 1-7
S5A1323-CCV1	Hexachlorobutadiene	-37.4	UJ/J	BA50633, 1-7
S5A1323-CCV1	Chloromethane	-32.1	UJ/J	BA50633, 1-7
S5A1421-CCV1	1,4-Dioxane	RRF	UJ/J	BA50773, 12-15
S5A1421-CCV1	1,1,2-Trichloroethane	RRF	UJ/J	BA50773, 12-15
S5A1421-CCV1	1,2,3-Trichlorobenzene	RRF	UJ/J	BA50773, 12-15
S5A1421-CCV1	1,2,4-Trichlorobenzene	RRF	UJ/J	BA50773, 12-15
S5A1421-CCV1	1,2-Dibromoethane	RRF	UJ/J	BA50773, 12-15
S5A1421-CCV1	Bromoform	RRF	UJ/J	BA50773, 12-15
S5A1421-CCV1	Bromomethane	-36.9	UJ/J	BA50773, 12-15

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1421-CCV1	Dichlorodifluoromethane	-56.2	UJ/J	BA50773, 12-15
S5A1421-CCV1	Isopropylbenzene	-81.3	UJ/J	BA50773, 12-15
S5A1421-CCV1	Chloromethane	25.6	UJ/J	BA50773, 12-15
S5A1421-CCV1	Naphthalene	-20.3	UJ/J	BA50773, 12-15
S5A1421-CCV1	n-Propylbenzene	23.5	UJ/J	BA50773, 12-15
S5A1421-CCV1	t-Butyl alcohol	-22.5	UJ/J	BA50773, 12-15
S5A1421-CCV1	Tetrachloroethene	-25.4	UJ/J	BA50773, 12-15
S5A1421-CCV1	Vinyl chloride	-41.7	UJ/J	BA50773, 12-15
S5A1505-CCV1	Bromomethane	-34.7	UJ/J	BA50784, 8-11, 11MS/MSD
S5A1505-CCV1	Dichlorodifluoromethane	-45.6	UJ/J	BA50784, 8-11, 11MS/MSD
S5A1505-CCV1	Chloromethane	-46.1	UJ/J	BA50784, 8-11, 11MS/MSD
S5A1505-CCV1	Tetrachloroethene	-28.7	UJ/J	BA50784, 8-11, 11MS/MSD
S5A1505-CCV1	Vinyl chloride	-29.7	UJ/J	BA50784, 8-11, 11MS/MSD
S5A1505-CCV1	Bromoform	28.2	UJ/J	BA50784, 8-11, 11MS/MSD

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, MS/MSD, Compound Quantitation, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec was outside QC limits, high in 1,4-Dioxane-d_8 in DUSR ID#1. The associated target analyte was not detected in this sample, so no further action is required.
The %Rec of a surrogate was outside QC limits, high in DUSR ID#1. There were no associated target analytes detected in this sample, so no further action is required.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met except Fluorene was detected in DUSR ID#12 but was not detected in #10.

LABORATORY CONTROL SAMPLES
All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec LCS	Qualifier	Associated Sample
BA50763-BS1	4-Nitrophenol	0	R	8-14
BA50763-BS1	2,3,4,6-Tetrachlorophenol	135	UJ	8-14
BA50822-BS1	2,4-Dinitrophenol	0	R	1-5
BA50822-BS1	4,6-Dinitro-2-methylphenol	0	R	1-5
BA50763-BS2	N-Nitrosodimethylamine	0	R	8-14
BA50763-BS2	Hexachloroethane	0	R	8-14

The %Rec of a target analyte was outside QC limits, high in a laboratory control sample. This target analyte was not detected in the associated samples, so no further action is required.

MS/MSD

All the criteria were met except several target analytes were outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #11MS	%Rec #11MSD	RPD	Qualifier	Associated Sample
4-Nitrophenol	0	0	-	R	11
Caprolactam	0	-	-	R	11
2,4,5-Trichlorophenol	-	-	29.6	UJ	11
2,4,6-Trichlorophenol	-	-	32.1	UJ	11
3-Nitroaniline	-	-	39.6	UJ	11
2,4-Dinitrophenol	-	154	41.1	UJ	11
4,6-Dinitro-2-methylphenol	-	-	48.1	UJ	11
4-Chloroaniline	-	-	53.9	UJ	11
2,6-Dinitrotoluene	-	-	29.6	UJ	11
4-Bromophenyl phenyl ether	-	-	55.3	UJ	11
4-Chlorophenyl phenyl ether	-	-	29.6	UJ	11
N-Nitrosodiphenylamine	-	-	39.9	UJ	11

Target Analyte	%Rec #6MS	%Rec #6MSD	RPD	Qualifier	Associated Sample
2,4-Dinitrophenol	0	0	-	R	6
4,6-Dinitro-2-methylphenol	0	0	-	R	6
Aniline	-	0	-	R	6
Benzo(a)pyrene	-	-	30.1	UJ	6
Benzoic acid	-	6.8	176	UJ	6
Bis(2-chloroethyl)ether	-	-	116	UJ	6
4-Chloroaniline	-	-	31.5	UJ	6
N-Nitrosodiphenylamine	-	-	33.5	UJ	6
Hexachlorobenzene	-	-	33.7	UJ	6
Acenaphthene	-	-	22.0	UJ	6

The %Rec of some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except a target analyte was detected in a sample blank and should be

qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
14	Bis(2ethylhexyl)phthalate	9.55	JH	11

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the initial calibration and/or the second source calibration verification. These target analytes should be qualified as estimated in the associated blanks, samples and spikes.

Ical/ICV instrument or ID	Target Analyte	RRF/%RSD/%D	Qualifier	Associated Sample
ICal BNA#7	1,2,4,5-Tetrachlorobenzene	37.0	UJ/J	BA50763-BLK1/BS1, 8-14, 11MS/MSD
ICal BNA#7	2,4-Dinitrophenol	45.0	UJ/J	BA50763-BLK1/BS1, 8-14, 11MS/MSD
ICal BNA#7	Acetophenone	30.5	UJ/J	BA50763-BLK1/BS1, 8-14, 11MS/MSD
SSCV BNA#7	2,3,4,6-Trichlorophenol	35.3	UJ/J	BA50763-BLK1/BS1, 8-14, 11MS/MSD
SSCV BNA#7	4,6-Dinitro-2-methylphenol	61.1	UJ/J	BA50763-BLK1/BS1, 8-14, 11MS/MSD
SSCV BNA#7	N-nitroso-di-n-propylamine	32.6	UJ/J	BA50763-BLK1/BS1, 8-14, 11MS/MSD
SSCV BNA#7	N-Nitrosodiphenylamine	34.1	UJ/J	BA50763-BLK1/BS1, 8-14, 11MS/MSD
ICal MSBNA9	2,4-Dinitrophenol	44.8	UJ/J	BA50757
ICal MSBNA9	4,6-Dinitro-2-methylphenol	45.9	UJ/J	BA50757
SSCV MSBNA9	2,3,4,6-Trichlorophenol	35.5	UJ/J	BA50757
SSCV MSBNA9	4,6-Dinitro-2-methylphenol	51.9	UJ/J	BA50757
SSCV MSBNA9	2,4-Dinitrotoluene	21.6	UJ/J	BA50757
SSCV MSBNA9	2-Nitrophenol	33.7	UJ/J	BA50757
SSCV MSBNA9	Pentachlorophenol	55.0	UJ/J	BA50757
SSCV MSBNA9	Benzidine	55.9	UJ/J	BA50757
ICal BNA#6	Bis(2chloroethoxy)methane	27.2	UJ/J	BA50822, 6MS/MSD

Ical/ICV instrument or ID	Target Analyte	RRF/%RSD/%D	Qualifier	Associated Sample
SSCV BNA#6	2,3,4,6-Trichlorophenol	21.5	UJ/J	BA50822, 6MS/MSD
SSCV BNA#6	2,4-Dimethylphenol	27.0	UJ/J	BA50822, 6MS/MSD
SSCV BNA#6	Bis(2chloroethoxy)methane	20.3	UJ/J	BA50822, 6MS/MSD
SSCV BNA#6	3,3'-Dichlorobenzidine	119	UJ/J	BA50822, 6MS/MSD
ICal BNA#5	Benzo(a)anthracene	20.5	UJ/J	BA50763-BLK2/BS2, 8-14
ICal BNA#5	Dibenzo(a,h)anthracene	25.2	UJ/J	BA50763-BLK2/BS2, 8-14
ICal BNA#5	Indeno(1,2,3-cd)pyrene	24.6	UJ/J	BA50763-BLK2/BS2, 8-14
ICV BNA#5	Nitrobenzene	-54.0	UJ/J	BA50763-BLK2/BS2, 8-14
ICal BNA#2	Benzidine	26.1	UJ/J	6, 7
ICal BNA#2	Benzoic acid	36.7	UJ/J	6, 7
ICal BNA#2	2,4-Dinitrophenol	RRF	UJ/J	6, 7
SSCV BNA#2	1,2,4,5-Tetrachlorobenzene	-44.6	UJ/J	6, 7
SSCV BNA#2	3,3'-Dichlorobenzidine	-48.3	UJ/J	6, 7
SSCV BNA#2	Acetophenone	-36.6	UJ/J	6, 7
SSCV BNA#2	Benzidine	-35.7	UJ/J	6, 7
SSCV BNA#2	Atrazine	-43.3	UJ/J	6, 7
SSCV BNA#2	Benzaldehyde	-40.4	UJ/J	6, 7
SSCV BNA#2	Caprolactam	-34.5	UJ/J	6, 7
SSCV BNA#2	2,4-Dimethylphenol	-30.7	UJ/J	6, 7
SSCV BNA#2	4,6-Dinitro-2-methylphenol	33.2	UJ/J	6, 7
SSCV BNA#2	Hexachlorocyclopentadiene	-53.4	UJ/J	6, 7

Alternate forms of regression were performed on target analytes in which the %RSD >20%, with acceptable results.
Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1619-CCV1	2,3,4,6-Tetrachlorophenol	63.9	UJ/J	BA50763-BLK/BS, 8-14
S5A1619-CCV1	2,4-Dinitrophenol	82.9	UJ/J	BA50763-BLK/BS, 8-14
S5A1619-CCV1	4,6-Dinitro-2-methylphenol	47.6	UJ/J	BA50763-BLK/BS, 8-14
S5A1619-CCV1	3-Nitroaniline	33.9	UJ/J	BA50763-BLK/BS, 8-14
S5A1619-CCV1	4-Nitrophenol	46.7	UJ/J	BA50763-BLK/BS, 8-14
S5A1619-CCV1	Butylbenzylphthalate	34.9	UJ/J	BA50763-BLK/BS, 8-14
S5A1619-CCV1	N-nitroso-di-n-propylamine	51.2	UJ/J	BA50763-BLK/BS, 8-14
S5A1443-CCV1	2,6-Dinitrotoluene	23.0	UJ/J	BA50757
S5A1443-CCV1	2,3,4,6-Tetrachlorophenol	28.4	UJ/J	BA50757
S5A1443-CCV1	2-Nitrophenol	30.8	UJ/J	BA50757
S5A1443-CCV1	Benzidine	41.5	UJ	BA50757-BLK
S5A1443-CCV1	2,4-Dinitrophenol	120	UJ/J	BA50757
S5A1443-CCV1	4,6-Dinitro-2-methylphenol	94.7	UJ/J	BA50757
S5A1443-CCV1	2,4-Dinitrotoluene	31.1	UJ/J	BA50757
S5A1443-CCV1	Pentachlorophenol	73.2	UJ/J	BA50757
S5A1443-CCV1	Benzoic acid	59.8	UJ/J	BA50757
S5A1525-CCV1	2,3,4,6-Tetrachlorophenol	26.7	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	4-Nitrophenol	-93.0	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	1,2,4-Trichlorobenzene	-34.7	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Benzoic acid	-35.4	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Butylbenzylphthalate	33.0	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Bis(2-ethylhexyl)phthalate	27.7	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Di-n-butylphthalate	26.9	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Hexachlorobenzene	34.6	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Hexachlorobutadiene	-32.6	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Indeno(1,2,3-cd)pyrene	30.1	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Isophorone	-21.2	UJ/J	BA50822, 6MS/MSD
S5A1525-CCV1	Nitrobenzene	-26.0	UJ/J	BA50822, 6MS/MSD
S5A1530-CCV1	Aniline	-32.3	UJ	6, 7
S5A1530-CCV1	Benzoic acid	79.9	UJ	6, 7
S5A1530-CCV1	Bis(2-chloroisopropyl)ether	-39.4	UJ	6, 7
S5A1530-CCV1	N-Nitrosodimethylamine	-43.9	UJ	6, 7
S5A1530-CCV1	Hexachlorocyclopentadiene	-49.6	UJ	6, 7
S5A1605-CCV1	2,4,5-Trichlorophenol	20.2	UJ	1-5
S5A1605-CCV1	2,3,4,6-Tetrachlorophenol	35.3	UJ	1-5
S5A1605-CCV1	2,4-Dinitrotoluene	22.4	UJ	1-5
S5A1605-CCV1	2,4-Dinitrophenol	89.2	UJ	1-5
S5A1605-CCV1	Benzoic acid	41.9	UJ	1-5
S5A1605-CCV1	2-Nitrophenol	24.1	UJ	1-5
S5A1605-CCV1	4,6-Dinitro-2-methylphenol	72.4	UJ	1-5
S5A1605-CCV1	Benzidine	50.4	UJ	1-5
S5A1605-CCV1	Pentachlorophenol	68.9	UJ	1-5

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
S5A1606-CCV1	Chrysene	-27.6	UJ/J	BA50763, 8-14
S5A1606-CCV1	N-Nitrosodimethylamine	-32.7	UJ	BA50763, 8-14
S5A1606-CCV1	Pentachlorophenol	-85.4	UJ/J	BA50763, 8-14

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK
All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in MS/MSD, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

MS/MSD ID	Target Analyte	Column	RPD	Qualifier	Associated Sample
11	Heptachlor	1	28.4	UJ	11

COMPOUND QUANTITATION
All criteria were met except the RPD of a target analyte was outside QC limits between the columns in some of the samples and should be qualified as estimated.

Target Analyte	Qualifier	Associated Sample
4,4'-DDT	J	1, 9

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes with acceptable results.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D column1	%D column2	Qualifier	Associated Sample
S5A1604-CCV2	Chlordane	28.1	-	UJ	BA50856-BLK, 8-14
S5A1604-CCV3	Toxaphene	48.4	-	UJ	BA50856-BLK, 8-14
S5A1604-CCV5	Methoxychlor	33.4	31.6	UJ/J	BA50856, 8-14
S5A1604-CCV6	Methoxychlor	35.8	35.3	UJ/J	BA50856, 8-14
S5A1507-CCV4	Heptachlor	26.3	-	UJ/J	BA50758, 1-7, 6MS/MSD

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.
LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All the criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

MS/MSD ID	Target Analyte	Column	RPD	Qualifier	Associated Sample
11	Aroclor 1260	1	27.3	UJ	11

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes and TCMX with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries

- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All the criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
All the criteria were met.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate regression was used on all of the target analytes with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

PFAA

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Spike Recoveries
- Blanks
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except the initial calibration results obtained using MassHunter were not included in the original package. Those pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met except the %Rec of some surrogates was outside QC limits and should be qualified as estimated.

Surrogate	Associate Target Analyte	Qualifier	Associated Sample
MPFBA	PFBA	UJ/J	BA50941-BS1, 6, 5DUP
MPFBA <10%	PFBA	R	BA50704, BA51086, BA50815, BA50775-BS2, 10RE-12RE, 13, 14, 11REMS/MSD
M3PFHXs	PFPeS, PFHxS	J	11REMSD
M8PFOS	PFHpS, PFOS, PFNS, PFDS, PFDoS	UJ/J	10, 12
M2-4:2FTS	4:2FTS	UJ/J	BA50704, 11, 11MS/MSD
M2-6:2FTS	6:2FTS	UJ/J	BA50704
M2-8:2FTS	8:2FTS	UJ/J	BA50704-BLK1/BLK2/BS2
d-N-NEtFOSA	NEtFOSA	UJ/J	BA50704-BLK2, BA50941-BS2, 1, 3, 8
d9-NEtFOSE	NEtFOSE	UJ/J	BA50941-BS2, 1, 11, 12, 11MSD
d7-NMeFOSE	NMeFOSE	UJ/J	BA50941-BS2, 1, 10-12, 11MSD
M3HFPO-DA	HFPO-DA, ADONA, 11Cl-PF3Ouds, 9Cl-PF3ONS	UJ/J	BA50704-BLK2/BS1/BS2
M8FOSA	FOSA	UJ/J	10-12, 11MSD
d3-NMeFOSAA	NMeFOSAA	UJ/J	10-12, 11MS/MSD
d5-NEtFOSAA	NEtFOSAA	UJ/J	10-12, 11MS/MSD
M6PFDA	PFDA	UJ	14
M8PFOA	PFOA	J	BA51086-BS1
M7PFUnDA	PFUnA	J	BA51086-BS1
M9PFNA	PFNA	J	BA51086-BS2

BLANKS
All the criteria were met except a target analyte was detected in a blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ng/L)	Qualifier	Associated Sample
BA51086-BLK2	PFPeA	.241	U at RL	10RE-12RE

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met except PFNS was detected in DUSR ID#12 but was not detected in #10.

LABORATORY CONTROL SAMPLES

All criteria were met except several target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50775-BS1	11Cl-PF3Ouds	58.2	UJ	1-4
BA50775-BS1	PFDoS	69.1	UJ	1-4
BA50775-BS2	11Cl-PF3Ouds	49.2	UJ	1-4
BA50775-BS2	9Cl-PF3ONS	64.2	UJ	1-4
BA50775-BS2	FHpPA	56.9	UJ	1-4
BA50775-BS2	NEtFOSA	68.4	UJ	1-4
BA50775-BS2	PFMPA	17.8	UJ	1-4
BA50775-BS2	PFHpA	69.5	UJ/J	1-4
BA50775-BS2	PFDS	69.1	UJ	1-4
BA50775-BS2	PFDoS	44.1	UJ	1-4
BA50775-BS2	PFNA	62.9	UJ	1-4
BA50704-BS1	FPrPA	51.5	UJ	8-13
BA50704-BS1	PFMPA	18.3	UJ	8-13
BA50704-BS1	11Cl-PF3Ouds	22.4	UJ	8-13
BA50704-BS1	NEtFOSA	62.6	UJ	8-13
BA50704-BS2	FPrPA	50.2	UJ	8-13
BA50704-BS2	PFMPA	17.0	UJ	8-13
BA50704-BS2	NEtFOSA	63.9	UJ	8-13
BA50704-BS2	FPePA	65.0	UJ	8-13
BA50815-BS1	PFMPA	19.6	UJ	14
BA50815-BS2	PFMPA	15.0	UJ	14
BA50941-BS1	PFMPA	31.3	UJ	5-7
BA50941-BS2	11Cl-PF3Ouds	51.2	UJ	5-7
BA50941-BS2	9Cl-PF3ONS	69.8	UJ	5-7
BA50941-BS2	PFMPA	49.2	UJ	5-7
BA50941-BS2	PFNA	67.1	UJ	5-7
BA51086-BS1	PFMPA	24.4	UJ	10RE-12RE
BA51086-BS2	PFMPA	17.2	UJ	10RE-12RE

MS/MSD

All the criteria were met except a target analyte was outside QC limits in the matrix spikes and should be qualified as estimated.

Target Analyte	%Rec #11MS	%Rec #11MSD	Qualifier	Associated Sample
PFHpS	200	199	JH	11

The %Rec of some target analytes was outside QC limits, high in the matrix spikes but were not detected in the associated samples, so no further action is required.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.
Alternate forms of regression were used on all of the target analytes with acceptable results except where noted above.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
S5A1460-CCV8	PFDS	30.3	UJ/J	BA50704
S5A1460-CCV8	PFNS	32.8	UJ/J	BA50704
S5A1460-CCV9	11Cl-PF3Ouds	48.8	UJ/J	BA50704
S5A1460-CCV9	9Cl-PF3ONS	45.0	UJ/J	BA50704
S5A1460-CCV9	ADONA	59.0	UJ/J	BA50704
S5A1460-CCV9	NEtFOSA	219	UJ/J	BA50704
S5A1460-CCVA	FPrPA	47.5	UJ/J	8-13, 11MS/MSD
S5A1460-CCVB	FPrPA	45.5	UJ/J	BA50775, 8-13, 11MS/MSD
S5A1460-CCVB	NFDHA	-31.0	UJ/J	BA50775, 8-13, 11MS/MSD
S5A1460-CCVC	FPrPA	43.3	UJ/J	BA50775
S5A1460-CCVE	FPrPA	43.1	UJ	1-4

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
S5A1460-CCVF	FPrPA	38.2	UJ/J	BA50815, 1-4, 14
S5A1460-CCVG	FPrPA	47.3	UJ/J	BA50815, 14
S5A1724-CCV2	NFDHA	-30.5	UJ/J	BA50941, 5-7, 5DUP
S5A1724-CCV2	FPrPA	41.0	UJ/J	BA50941, 5-7, 5DUP
S5A1724-CCV3	FPrPA	37.0	UJ/J	BA50941, 5-7, 5DUP
S5A1724-CCV3	PFNS	39.8	UJ/J	BA50941, 5-7, 5DUP
S5A2032-CCV3	FPrPA	51.5	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-CCV3	ADONA	33.2	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-CCV4	FPrPA	36.8	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-CCV4	ADONA	31.4	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-CCV4	NFDHA	-30.5	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A1460-LCV1	FPrPA	45.2	UJ/J	BA50704, BA50775, BA50815, 1-4, 8-14, 11MS/MSD
S5A1724-LCV1	PFOS	61.1	UJ/J	BA50941, 5-7, 5DUP
S5A1724-LCV1	PFTrDA	38.7	UJ/J	BA50941, 5-7, 5DUP
S5A1724-LCV1	NMeFOSAA	33.9	UJ/J	BA50941, 5-7, 5DUP
S5A1724-LCV1	NFDHA	-30.3	UJ/J	BA50941, 5-7, 5DUP
S5A1724-LCV1	FPrPA	55.7	UJ/J	BA50941, 5-7, 5DUP
S5A2032-LCV1	PFOS	61.0	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-LCV1	PFTrDA	36.6	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-LCV1	NFDHA	-32.4	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
S5A2032-LCV1	ADONA	124	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-LCV1	FPrPA	57.2	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-LCV1	11Cl-PF3Ouds	98.4	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD
S5A2032-LCV1	9Cl-PF3ONS	91.0	UJ/J	BA51086, 10RE-12RE, 11REMS/MSD

METALS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Blanks
-Laboratory Control Sample
-MS/MSD/Duplicate
-Field Duplicate
-Serial Dilution
-Compound Quantitation
-Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD/Duplicate, Serial Dilution, Compound Quantitation and Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except the blank summary forms were not included in the revised report. Those pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

BLANKS
All criteria were met except a target analyte was detected in the blanks and should be qualified in the associated sample, if detected.

Blank ID	Target Analyte	Concentration(ug/ml)	Qualifier	Associated Sample
BA50799	K	15.7mg/kg	JH	1-7
S5A1517-ICB1	K	.139	JH	8-14, 11DUP
S5A1517-CCBA	K	.146	JH	8-14, 11DUP
S5A1517-CCBB	K	.077	JH	9-14, 11DUP
S5A1518-ICB1	K	.139	JH	1-7
S5A1518-CCB4	K	.050	JH	1-7
S5A1518-CCB5	K	.050	JH	1-7

LABORATORY CONTROL SAMPLE
All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
BA50767	Sb	79.6	UJ	8-14
BA50799	Sb	29.9	UJ	1-7

MS/MSD/DUPLICATE
All criteria were met except a target analyte was outside QC limits in the matrix spikes and duplicate and should be qualified as estimated.

MS/Duplicate ID	Target Analyte	%Rec MS	%RPD DUP	Qualifier	Associated Sample
3	Hg	44.8	-	UJ	3, 3DUP

FIELD DUPLICATE
All criteria were met.

SERIAL DILUTION
All criteria were met except several target analytes were outside QC limits in the serial dilutions and should be qualified as estimated.

SD ID	Target Analyte	%D	Qualifier	Associated Sample
11	Ca	28.1	J	11
11	Al	45.6	J	11
11	Mg	27.8	J	11
11	Mn	20.2	J	11
11	Na	30.6	J	11
11	K	51.7	J	11

COMPOUND QUANTITATION

All criteria were met except several target analytes were detected in the sample blanks and should be qualified in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration(mg/L)	Qualifier	Associated Sample
13	Ca	.0819	JH	1-12
13	K	.141	JH	1-12
14	Na	.769	JH	1, 2, 4, 6, 8-12
14	Ca	.403	JH	1-12
14	K	.171	JH	1-12
14	Zn	.0282	JH	1-7

CALIBRATION

All criteria were met except the %Rec of a couple of target analytes was outside QC limits in the calibrations. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D/%Rec	Qualifier	Associated Sample
SA51533-CCV7	Se	83.8	UJ	12-14
S5A1518-CCV3	Se	112	JH	BA50799-BS
S5A1518-IFB1	As	.90	UJ/J	BA50799, 1-7

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Cyanide
- Hexavalent Chromium
- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below.

CYANIDE
All criteria were met.

HEXAVALENT CHROMIUM
All criteria were met except DUSR ID#8-14 were analyzed outside hold time and should be qualified as estimated.

%SOLIDS
All criteria were met.

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0049	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0074	0.015	1	EPA 8260D	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:47	01/11/2025 17:35	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.197	0.395	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.197	0.395	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65-85-0	Benzoic acid	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0986	0.197	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0494	0.0986	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*101 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*92.2 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*		*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	01/14/2025 08:42	01/16/2025 14:48	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result		Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*196 %*	S-HI, S-08	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.133	0.212	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.183**	J	ug/kg dry	0.0634	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.126	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.214	0.219	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: **SB006 (0-2 IN)** **York Sample ID:** **25A0590-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.283**		ug/kg dry	0.206	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**4.26**		ug/kg dry	0.200	0.223	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.226	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.229	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.195	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.150	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.123	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.177	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.232	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.153**	J	ug/kg dry	0.130	0.479	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.175	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.185	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.898	0.910	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.904	0.919	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.130	0.957	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.166	0.426	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.231	0.479	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0742	0.479	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.115	0.479	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.188	0.225	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.712	0.898	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.728	0.957	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.372	0.905	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.294	0.895	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.208	0.905	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.202	0.232	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.148	0.230	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.759	1.20	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.51	5.98	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.80	5.98	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.731	2.39	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.834	2.39	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.237	0.239	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:15	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*87.7 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*80.9 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*78.1 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*84.5 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*87.9 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*79.8 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*69.9 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*66.8 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*71.0 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*73.4 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*85.7 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*52.3 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*63.3 %*	*25-150*

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*65.0 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*74.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*74.7 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*83.5 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*74.8 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*41.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*46.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*77.8 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*37.1 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*36.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/15/2025 06:22	01/15/2025 20:01	AK
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	**4,4'-DDE**	**0.0386**		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	**4,4'-DDT**	**0.0452**		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	**Dieldrin**	**0.00232**		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.198	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0395	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:38	SCB
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:43	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*	*30-120*

Sample Information

Client Sample ID: SB006 (0-2 IN) **York Sample ID:** 25A0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0237	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:44	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0237	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:44	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0237	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:44	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*88.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**21700**		mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**64.8**		mg/kg dry	1.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**70.7**		mg/kg dry	2.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.798**		mg/kg dry	0.050	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.300	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**2230**		mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**67.7**		mg/kg dry	0.501	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.09**		mg/kg dry	0.400	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**102**		mg/kg dry	2.00	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**16300**		mg/kg dry	25.0	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**89.4**		mg/kg dry	0.501	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2500**		mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**164**		mg/kg dry	0.501	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**9.68**		mg/kg dry	0.997	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**651**	B	mg/kg dry	5.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.50	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB006 (0-2 IN)** **York Sample ID:** **25A0590-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:30 am	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**124**		mg/kg dry	50.1	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.20	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**34.4**		mg/kg dry	0.997	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**51.7**		mg/kg dry	2.49	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:27	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.583**		mg/kg dry	0.0360	1	EPA 7473	01/15/2025 14:04	01/16/2025 12:04	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.601	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.601	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**83.2**		%	0.100	1	SM 2540G	01/13/2025 08:45	01/13/2025 13:24	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.089	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0045	0.0089	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:47	01/11/2025 18:03	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.337	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0843	0.168	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0843	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*70.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	01/14/2025 08:42	01/16/2025 15:22	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*114 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.181	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0802**	J	ug/kg dry	0.0543	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.126**	J	ug/kg dry	0.108	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.188	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.411**		ug/kg dry	0.176	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**1.10**		ug/kg dry	0.171	0.191	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.194	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.196	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.167	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.128	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.152	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.199	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.410	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.159	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.196	0.198	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.769	0.779	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.774	0.787	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.820	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.365	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.198	0.410	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0636	0.410	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0984	0.410	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.161	0.193	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.610	0.769	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.623	0.820	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.319	0.775	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.252	0.767	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.178	0.775	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.173	0.199	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.127	0.197	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.650	1.03	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.15	5.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.54	5.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.626	2.05	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.715	2.05	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:32	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*127 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*109 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*109 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*129 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*111 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*118 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*128 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*115 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*93.2 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*102 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*89.4 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*116 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*93.7 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*94.4 %*	*25-150*

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*112 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*117 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.5 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*58.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*57.6 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*112 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*65.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*63.9 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/15/2025 06:22	01/15/2025 20:30	AK
							Certifications:				

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0338	5	EPA 8081B	01/14/2025 08:24	01/14/2025 19:51	SCB
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A	01/14/2025 08:24	01/14/2025 20:57	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-120*

Sample Information

Client Sample ID: **SB006 (2 IN -24 IN)** **York Sample ID:** **25A0590-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0203	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:51	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0203	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:51	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0203	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:51	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*94.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9880**		mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.14	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**4.24**		mg/kg dry	1.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**23.5**		mg/kg dry	2.14	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.229**		mg/kg dry	0.043	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.257	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**621**		mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**11.5**		mg/kg dry	0.428	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.06**		mg/kg dry	0.342	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**12.2**		mg/kg dry	1.71	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**8040**		mg/kg dry	21.4	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**5.20**		mg/kg dry	0.428	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1860**		mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**114**		mg/kg dry	0.428	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**7.27**		mg/kg dry	0.853	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**450**	B	mg/kg dry	4.28	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.14	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (2 IN -24 IN) **York Sample ID:** 25A0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:42 am	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**70.2**		mg/kg dry	42.8	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**21.0**		mg/kg dry	0.853	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**22.4**		mg/kg dry	2.13	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0683**		mg/kg dry	0.0308	1	EPA 7473	01/15/2025 14:04	01/16/2025 12:04	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**97.3**		%	0.100	1	SM 2540G	01/13/2025 08:45	01/13/2025 13:24	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:47	01/11/2025 18:31	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.340	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0849	0.170	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0425	0.0849	2	EPA 8270E	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.3 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	01/14/2025 08:42	01/16/2025 15:40	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.114	0.182	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0546	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.108	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.184	0.189	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.177	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.172	0.192	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.195	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.197	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.168	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.129	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.106	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.153	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.200	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.112	0.412	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.150	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.160	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.197	0.199	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.773	0.783	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.778	0.791	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.112	0.824	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.143	0.367	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.199	0.412	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0639	0.412	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0989	0.412	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.162	0.194	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.613	0.773	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.627	0.824	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.320	0.779	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.253	0.771	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.179	0.779	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.174	0.200	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.128	0.198	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.653	1.03	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.16	5.15	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.55	5.15	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.630	2.06	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.718	2.06	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 20:48	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*118 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*113 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*125 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*116 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*90.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*79.8 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*102 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*94.2 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*117 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*75.6 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.4 %*	*25-150*

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*97.1 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*80.5 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.2 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*109 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*85.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*61.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*44.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*110 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*54.9 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*56.5 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/15/2025 06:22	01/15/2025 20:59	AK
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.170	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0340	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:04	SCB
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:11	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-120*

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0204	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:58	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0204	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:58	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0204	1	EPA 8151A	01/14/2025 08:44	01/15/2025 12:58	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*86.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1500**		mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.29	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**9.17**		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.068**		mg/kg dry	0.043	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.259	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**43.1**		mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**2.29**		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.931**		mg/kg dry	0.345	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**4.03**		mg/kg dry	1.72	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**4820**		mg/kg dry	21.5	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.49**		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**360**		mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**32.4**		mg/kg dry	0.431	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**1.09**		mg/kg dry	0.859	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**339**	B	mg/kg dry	4.31	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB006 (6- 8 FT) **York Sample ID:** 25A0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 9:50 am	01/10/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.435	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	43.1	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.03	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**4.97**		mg/kg dry	0.859	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**5.18**		mg/kg dry	2.15	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:29	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0310	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.517	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.517	1	EPA 9014/9010C	01/13/2025 08:06	01/13/2025 14:03	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**96.7**		%	0.100	1	SM 2540G	01/13/2025 08:45	01/13/2025 13:24	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260D	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:47	01/11/2025 18:58	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.175	0.350	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.175	0.350	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0874	0.175	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB007 (0-2IN)** **York Sample ID:** **25A0590-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0438	0.0874	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*83.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*74.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*97.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.0 %*	*24-116*

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 19:43	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.131**	J	ug/kg dry	0.0564	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**0.149**	J	ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **SB007 (0-2IN)** **York Sample ID:** **25A0590-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.195	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**0.261**		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.582**		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.203	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.179**	J	ug/kg dry	0.116	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.203	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.798	0.808	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.803	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.185**	J	ug/kg dry	0.116	0.851	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.379	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0659	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.425	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/14/2025 09:30	01/16/2025 21:04	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/14/2025 09:30	01/16/2025 21:04	AM

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.633	0.798	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.647	0.851	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.331	0.804	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.796	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.804	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.206	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.204	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.674	1.06	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.23	5.32	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.32	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.650	2.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.741	2.13	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	01/14/2025 09:30	01/16/2025 21:04	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*134 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*123 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*112 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*113 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*107 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*108 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*104 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*120 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*135 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*116 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*117 %*	*25-150*

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*121 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*135 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*137 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*121 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*126 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.0 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*71.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*121 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*81.2 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*83.6 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/15/2025 06:22	01/15/2025 21:28	AK
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:17	SCB
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:24	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Sample Information

Client Sample ID: **SB007 (0-2IN)** **York Sample ID:** **25A0590-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:06	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:06	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:06	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*89.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20400**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**14.3**		mg/kg dry	1.33	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**47.4**		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.648**		mg/kg dry	0.045	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**656**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**20.9**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.91**		mg/kg dry	0.355	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**36.2**		mg/kg dry	1.78	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**18600**		mg/kg dry	22.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**16.0**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2680**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**223**		mg/kg dry	0.444	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**10.9**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**627**	B	mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (0-2IN) **York Sample ID:** 25A0590-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 11:50 am	01/10/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**63.0**		mg/kg dry	44.4	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**35.7**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**34.0**		mg/kg dry	2.21	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:31	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0567**		mg/kg dry	0.0320	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**93.8**		%	0.100	1	SM 2540G	01/13/2025 08:43	01/13/2025 13:14	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0051	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:47	01/11/2025 19:26	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND		mg/kg dry	0.199	0.398	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND		mg/kg dry	0.199	0.398	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		mg/kg dry	0.0994	0.199	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0498	0.0994	2	EPA 8270E	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.8 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 19:59	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0642	0.242	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.127	0.242	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB007 (2IN -24IN)

York Sample ID: 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.217	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.208	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.229	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.231	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.240	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.197	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.151	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.125	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.179	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.235	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.132	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.177	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.188	0.242	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.231	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.909	0.921	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.915	0.930	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.132	0.969	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.168	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.234	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0751	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.116	0.485	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	01/16/2025 08:42	01/17/2025 16:41	AM
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.190	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	01/16/2025 08:42	01/17/2025 16:41	AM

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.721	0.909	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.737	0.969	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.377	0.916	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.298	0.906	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.211	0.916	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.205	0.235	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.150	0.233	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.768	1.21	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.54	6.06	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.82	6.06	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.740	2.42	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.218	0.242	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.844	2.42	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.240	0.242	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 16:41	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*117 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*110 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*114 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*110 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.8 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*94.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*86.8 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*68.8 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*91.4 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*111 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*86.8 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*92.1 %*	*25-150*

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*82.1 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*70.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*85.4 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*73.8 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*70.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*73.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*68.2 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/15/2025 06:22	01/15/2025 21:57	AK
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.195	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0389	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:30	SCB
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:38	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

Sample Information

Client Sample ID: SB007 (2IN -24IN) **York Sample ID:** 25A0590-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0238	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:13	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0238	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:13	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0238	1	EPA 8151A	01/14/2025 08:44	01/15/2025 13:13	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*98.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5830**		mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.52	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**2.02**		mg/kg dry	1.51	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**41.3**		mg/kg dry	2.52	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.307**		mg/kg dry	0.051	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.303	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**214**		mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**7.28**		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**5.53**		mg/kg dry	0.403	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**7.03**		mg/kg dry	2.02	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**8740**		mg/kg dry	25.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**4.49**		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**1200**		mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**273**		mg/kg dry	0.505	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**5.20**		mg/kg dry	1.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**898**	B	mg/kg dry	5.05	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.52	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **SB007 (2IN -24IN)** **York Sample ID:** **25A0590-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:00 pm	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.509	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	50.5	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**16.3**		mg/kg dry	1.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**15.8**		mg/kg dry	2.51	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0363	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.606	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.606	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.5**		%	0.100	1	SM 2540G	01/13/2025 08:43	01/13/2025 13:14	SMM
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: **SB007 (6-8FT)** **York Sample ID:** **25A0590-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **SB007 (6-8FT)** **York Sample ID:** **25A0590-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0026	0.0052	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260D	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:47	01/11/2025 19:54	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.169	0.337	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.169	0.337	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0842	0.168	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0422	0.0842	2	EPA 8270E	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*34.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*39.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.9 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 20:14	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.111	0.177	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0531	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.105	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.179	0.183	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.172	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.167	0.186	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.189	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.191	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.163	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.103	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.148	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.194	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.109	0.400	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.146	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.155	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.191	0.193	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.751	0.761	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.756	0.769	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.109	0.801	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.139	0.356	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.193	0.400	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0621	0.400	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.0961	0.400	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.157	0.188	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.596	0.751	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.609	0.801	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.311	0.757	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.246	0.749	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.174	0.757	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.169	0.194	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.124	0.192	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.635	1.00	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.10	5.01	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.50	5.01	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.612	2.00	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.180	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.698	2.00	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.198	0.200	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:13	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*111 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*105 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*106 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*107 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*97.9 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*103 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*77.5 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*76.7 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*71.0 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*16.1 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*86.4 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*100 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*87.1 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*81.5 %*		*25-150*

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*94.2 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*72.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*65.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*87.8 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*80.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*69.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*64.5 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*101 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*57.5 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*53.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/14/2025 08:21	01/15/2025 17:41	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.167	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0333	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:43	SCB
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A	01/14/2025 08:24	01/14/2025 21:52	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-120*

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0202	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:16	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0202	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:16	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0202	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:16	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*76.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6490**		mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.11	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	**Arsenic**	**3.17**		mg/kg dry	1.27	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**65.7**		mg/kg dry	2.11	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.095**		mg/kg dry	0.043	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.253	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**876**		mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**3.23**		mg/kg dry	0.422	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**7.36**		mg/kg dry	0.337	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**6.47**		mg/kg dry	1.69	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**11700**		mg/kg dry	21.1	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.70**		mg/kg dry	0.422	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**3570**		mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**218**		mg/kg dry	0.422	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**2.94**		mg/kg dry	0.841	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**3400**	B	mg/kg dry	4.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.11	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB007 (6-8FT) **York Sample ID:** 25A0590-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 12:10 pm	01/10/2025

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.425	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**50.5**		mg/kg dry	42.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.01	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	0.841	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**20.0**		mg/kg dry	2.10	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0304	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.507	1	EPA 7196A	01/14/2025 08:53	01/14/2025 13:47	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.507	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**98.7**		%	0.100	1	SM 2540G	01/13/2025 16:14	01/13/2025 21:42	JRO
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	mg/kg dry	0.0054	0.011	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CAL-E, CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260D	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

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

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	01/11/2025 11:47	01/11/2025 20:21	SCB
							Certifications:				

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	ICVE	mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.178	0.355	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND	ICVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
92-87-5	Benzidine	ND	CAL-E, ICVE	mg/kg dry	0.178	0.355	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND	ICVE	mg/kg dry	0.0887	0.177	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE	mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0887	2	EPA 8270E	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*28.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*34.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.2 %*	*24-116*

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	01/14/2025 08:42	01/15/2025 20:30	SS
						Certifications:	NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.189	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0565	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.202	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.427	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.800	0.811	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.805	0.819	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.853	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037			
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	PF-CCV-L	ug/kg dry	0.206	0.427	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ug/kg dry	0.0661	0.427	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.427	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.201	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.635	0.800	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.649	0.853	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.806	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.798	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
919005-14-4	* ADONA	ND		ug/kg dry	0.186	0.806	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097 ,NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.676	1.07	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.33	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.33	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.652	2.13	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.743	2.13	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3	01/16/2025 08:42	01/17/2025 17:30	AM
							Certifications:	NELAC-NH2097			

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*119 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*104 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*116 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*109 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*95.3 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*91.9 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*90.3 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.9 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*95.7 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*101 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*108 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*92.9 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*90.5 %*	*25-150*

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*102 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*81.8 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*76.6 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*108 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*85.9 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*75.2 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*67.9 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*106 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*58.4 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*57.9 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D	01/14/2025 08:21	01/15/2025 18:11	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	NELAC-NY10854,NJDEP-CT005			
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		mg/kg dry	0.00175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		mg/kg dry	0.175	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0351	5	EPA 8081B	01/14/2025 08:24	01/14/2025 20:57	SCB
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A	01/14/2025 08:24	01/14/2025 22:06	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-120*

Sample Information

Client Sample ID: UICO11 **York Sample ID:** 25A0590-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0213	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:23	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0213	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:23	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		mg/kg dry	0.0213	1	EPA 8151A	01/13/2025 07:00	01/14/2025 18:23	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (1*	*84.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1880**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		mg/kg dry	1.33	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**7.96**		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	**Beryllium**	**0.087**		mg/kg dry	0.045	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		mg/kg dry	0.267	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**142**		mg/kg dry	4.44	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	**Chromium**	**2.89**		mg/kg dry	0.445	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.889**		mg/kg dry	0.355	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	**Copper**	**21.6**		mg/kg dry	1.78	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	**Iron**	**3360**		mg/kg dry	22.2	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	**Lead**	**1.86**		mg/kg dry	0.445	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**384**		mg/kg dry	4.45	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**22.0**		mg/kg dry	0.445	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	**Nickel**	**1.60**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**229**	B	mg/kg dry	4.45	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		mg/kg dry	2.22	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **UICO11** **York Sample ID:** **25A0590-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Soil	January 9, 2025 1:30 pm	01/10/2025

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.448	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/kg dry	44.4	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	**Vanadium**	**4.94**		mg/kg dry	0.885	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**10.6**		mg/kg dry	2.21	1	EPA 6010D	01/14/2025 14:44	01/15/2025 12:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	01/15/2025 14:00	01/16/2025 12:01	AJL
						Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.533	1	EPA 7196A	01/15/2025 08:59	01/15/2025 14:40	JAMT
						Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.533	1	EPA 9014/9010C	01/14/2025 08:04	01/14/2025 15:56	LJM
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.8**		%	0.100	1	SM 2540G	01/13/2025 16:14	01/13/2025 21:42	JRO
						Certifications:	CTDOH-PH-0723			

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.8 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 17:39	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW001**

York Sample ID: **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.46	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.09	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.46	10.9	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.820	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.7 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0219	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.273	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.273	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 17:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/15/2025 08:43	01/16/2025 19:04	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**1.85**		ng/L	0.446	1.68	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**6.10**		ng/L	0.332	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.41**		ng/L	0.674	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**7.38**		ng/L	0.645	1.74	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**4.75**		ng/L	0.398	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**34.5**		ng/L	0.778	1.76	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**0.917**	J	ng/L	0.493	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**6.56**		ng/L	0.712	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.07	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.702	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.655	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.750	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.977	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**5.96**		ng/L	0.218	3.80	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.835	1.90	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.863	1.81	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NJDEP-NY037			
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**8.55**		ng/L	1.25	1.83	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.12	7.21	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.94	7.29	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.313	7.59	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.474	3.38	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.80	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.237	3.80	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.351	3.80	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058			
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**1.30**	J	ng/L	0.721	1.78	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:14	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
756426-58-1	9CL-PF3ONS	ND		ng/L	0.664	7.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
919005-14-4	ADONA	ND		ng/L	0.503	7.17	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.882	1.84	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.816	1.82	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:14	AM
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.93	4.74	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.95	23.7	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.98	23.7	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.90	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.79	19.0	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.71	1.90	1	EPA 1633 Draft 3 Certifications:	01/13/2025 12:30	01/16/2025 08:14	AM

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*132 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*107 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*131 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*113 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*113 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*80.0 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*74.6 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*56.7 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*38.3 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*110 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*112 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*107 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*89.5 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*100 %*	*25-150*

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.2 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*88.8 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*127 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*59.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*49.3 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*107 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*76.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*82.6 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:19	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW001 **York Sample ID:** 25A0590-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 20:59	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 22:52	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.0 %*		*30-150*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*		*30-150*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:54	GXB
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:54	GXB
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 12:54	GXB
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*94.8 %*		*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.170**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-39-3	**Barium**	**0.0317**		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-70-2	**Calcium**	**45.9**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-48-4	**Cobalt**	**0.0202**		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-95-4	**Magnesium**	**15.4**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-96-5	**Manganese**	**0.892**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-09-7	**Potassium**	**4.23**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

Sample Information

Client Sample ID: **MW001** **York Sample ID:** **25A0590-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 4:00 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**31.6**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:28	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:10	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes: **HT-02**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/15/2025 14:30	01/15/2025 19:35	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**0.300**	J	ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	**tert-Butyl alcohol (TBA)**	**0.620**	J	ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 18:08	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	6.06	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.21	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.06	12.1	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.909	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.4 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*21.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.8 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0242	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.303	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.303	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/15/2025 08:43	01/16/2025 19:20	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**3.96**		ng/L	0.432	1.63	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**93.1**		ng/L	0.322	1.84	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**21.6**		ng/L	0.652	1.84	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**3.78**		ng/L	0.625	1.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
335-67-1	**Perfluorooctanoic acid (PFOA)**	**24.8**		ng/L	0.386	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**14.6**		ng/L	0.753	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.32**		ng/L	0.478	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
335-76-2	**Perfluorodecanoic acid (PFDA)**	**2.00**		ng/L	0.689	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.04	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.809	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.680	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.634	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2355-31-9	N-MeFOSAA	ND		ng/L	0.726	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2991-50-6	N-EtFOSAA	ND		ng/L	0.946	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**101**		ng/L	0.211	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.809	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.836	1.75	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.21	1.77	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.89	6.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.88	7.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**15.8**		ng/L	0.303	7.35	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.459	3.27	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.97	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.230	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.340	3.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	01/13/2025 12:30	01/16/2025 08:31	AM
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.698	1.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	01/13/2025 12:30	01/16/2025 08:31	AM

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.64	6.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.97	7.35	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.27	6.95	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.643	6.87	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.487	6.95	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.854	1.78	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.790	1.76	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.87	4.59	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.73	23.0	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.70	23.0	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.67	18.4	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.45	1.84	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.67	18.4	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.65	1.84	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:31	AM
							Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*120 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*121 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*125 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic aci*	*110 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*139 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*122 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*83.9 %*	*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*61.5 %*	*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*37.9 %*	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*116 %*	*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*114 %*	*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*103 %*	*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*86.6 %*	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*93.9 %*	*25-150*

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*97.2 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*84.3 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*116 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*144 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*56.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*51.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*108 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*67.0 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*73.4 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 16:48	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	**4,4'-DDE**	**0.00407**		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	**4,4'-DDT**	**0.00508**		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	**Dieldrin**	**0.00582**		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW002 **York Sample ID:** 25A0590-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 21:14	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:06	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*		*30-150*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*		*30-150*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 13:01	GXB
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 13:01	GXB
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 13:01	GXB
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*92.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.223**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-70-2	**Calcium**	**8.24**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-95-4	**Magnesium**	**2.56**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7439-96-5	**Manganese**	**0.187**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-09-7	**Potassium**	**1.49**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
					Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440				

Sample Information

Client Sample ID: **MW002** **York Sample ID:** **25A0590-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 2:00 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**73.6**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:32	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:13	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes: **HT-02**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/15/2025 14:30	01/15/2025 19:35	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.7 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 18:36	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	6.06	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.21	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.06	12.1	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **25A0590-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.909	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	3.03	6.06	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0242	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.303	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.303	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0606	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 18:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/15/2025 08:43	01/16/2025 19:37	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*76.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**59.0**		ng/L	0.445	1.68	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**123**		ng/L	0.331	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**112**		ng/L	0.672	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **25A0590-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**361**		ng/L	0.644	1.73	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**48.4**		ng/L	0.398	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3850**		ng/L	82.0	186	1	EPA 1633 Draft 3	01/18/2025 15:35	01/20/2025 21:29	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**22.7**		ng/L	0.492	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**6.34**		ng/L	0.710	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**5.70**		ng/L	1.07	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**10.7**		ng/L	0.833	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.701	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.653	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NJDEP-NY037			
2355-31-9	**N-MeFOSAA**	**1.05**	J	ng/L	0.748	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**1.49**	J	ng/L	0.975	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**122**		ng/L	0.218	3.79	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**6.29**		ng/L	0.833	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NJDEP-NY037			
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**26.9**		ng/L	0.862	1.81	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NJDEP-NY037			
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**3.05**		ng/L	1.25	1.83	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NJDEP-NY037			
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**36.7**		ng/L	7.10	7.20	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**47.0**		ng/L	1.94	7.27	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**45.1**		ng/L	0.312	7.58	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.473	3.37	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.03	3.79	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.237	3.79	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.350	3.79	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058			
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**49.2**		ng/L	0.720	1.78	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **25A0590-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.70	7.10	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.06	7.58	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.31	7.16	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.663	7.08	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.502	7.16	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.881	1.84	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.814	1.82	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.92	4.73	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.94	23.7	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.97	23.7	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.50	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.78	18.9	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.70	1.89	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 08:47	AM
							Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*142 %*	*25-150*
M3PFBS	*Surrogate: M3PFBS*	*127 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*122 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*111 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*132 %*	*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*115 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*147 %*	*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*122 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*120 %*	*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*120 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*140 %*	*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*134 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*134 %*	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*124 %*	*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*125 %*	*25-150*

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **25A0590-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecan*	*87.6 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*90.3 %*			*10-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*66.5 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*3.35 %*	PFSu-L		*25-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic aci*	*39.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*132 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*156 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*68.4 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*115 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*124 %*			*10-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*184 %*	PFSu-H		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*173 %*	PFSu-H		*25-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*119 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*196 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*128 %*			*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*114 %*			*25-200*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*98.0 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*111 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*92.4 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*120 %*			*25-150*						
13C9PFNA	*Surrogate: M9PFNA*	*113 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*139 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*110 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*109 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*132 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*86.7 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*121 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*114 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.3 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*98.0 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*143 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*168 %*	PFSu-H		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*98.0 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:18	SS

Certifications:

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:00	scb
						Certifications:				

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.9 %*		*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.5 %*		*30-150*						

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:20	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:51	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:51	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:51	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*71.2 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW003** **York Sample ID:** **25A0590-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**22.3**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2.21**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**0.194**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1.82**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**12.1**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:33	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:17	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 25A0590-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:10 pm	01/10/2025

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/15/2025 14:30	01/15/2025 19:35	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	**Acetone**	**1.56**	J	ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:				

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 19:05	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.4 %*	*39.9-105*

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*45.3 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.3 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.740**		ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND	QL-02, CCVE	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/15/2025 08:43	01/16/2025 19:53	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**22.6**		ng/L	0.436	1.64	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**217**		ng/L	0.324	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**165**		ng/L	0.658	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**971**		ng/L	68.0	183	1	EPA 1633 Draft 3	01/18/2025 15:35	01/20/2025 21:45	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**181**		ng/L	0.389	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**5700**		ng/L	82.0	186	1	EPA 1633 Draft 3	01/18/2025 15:35	01/20/2025 21:45	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**25.4**		ng/L	0.482	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.695	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.05	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.686	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.639	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NJDEP-NY037			

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2355-31-9	N-MeFOSAA	ND		ng/L	0.732	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.954	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**238**		ng/L	0.213	3.71	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NJDEP-NY037			
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**124**		ng/L	0.843	1.77	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.22	1.79	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	6.95	7.04	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**1.96**	J	ng/L	1.90	7.12	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**85.2**		ng/L	0.306	7.41	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.463	3.30	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.98	3.71	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.232	3.71	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.343	3.71	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058			
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**46.7**		ng/L	0.704	1.74	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.95	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	2.99	7.41	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.01	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.649	6.93	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.491	7.01	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.862	1.80	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.797	1.78	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.88	4.63	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.79	23.2	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
							Certifications:				

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.78	23.2	1 Certifications:	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
24448-09-7	* N-MeFOSE	ND		ng/L	3.70	18.5	1 Certifications:	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
31506-32-8	* N-MeFOSA	ND		ng/L	1.46	1.85	1 Certifications:	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
1691-99-2	* N-EtFOSE	ND		ng/L	3.70	18.5	1 Certifications:	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.85	1 Certifications:	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:03	AM

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*126 %*		*25-150*
M3PFBS	*Surrogate: M3PFBS*	*110 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*94.2 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*112 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*97.4 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*119 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*134 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*103 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*134 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*99.3 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*108 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*106 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*124 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*96.4 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*123 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*84.8 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*81.0 %*		*10-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*57.2 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*3.01 %*	PFSu-L	*25-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*29.0 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*134 %*		*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*136 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*62.6 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*97.2 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*175 %*	PFSu-H	*10-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*121 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*174 %*	PFSu-H	*25-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*114 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*185 %*	PFSu-H	*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*132 %*		*25-150*

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*86.7 %*			*25-200*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*101 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*98.4 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*75.9 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*105 %*			*25-150*						
13C9PFNA	*Surrogate: M9PFNA*	*122 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*153 %*	PFSu-H		*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*99.1 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*128 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*98.1 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*124 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*92.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*99.0 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*97.5 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*152 %*	PFSu-H		*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*95.8 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*158 %*	PFSu-H		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*104 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 17:48	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	**Dieldrin**	**0.00350**		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:16	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:34	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:59	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:59	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 18:59	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*82.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.196**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	**Barium**	**0.0368**		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**27.4**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	**Cobalt**	**0.00567**		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW004** **York Sample ID:** **25A0590-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**7.96**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**0.630**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**2.67**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**18.5**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:35	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:20	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes: **HT-02**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 25A0590-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 10:00 am	01/10/2025

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/15/2025 14:30	01/15/2025 19:35	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW00X **York Sample ID:** 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 16:00	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.46	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.09	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.46	10.9	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.820	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.73	5.46	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.2 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.3 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	**Fluorene**	**0.208**		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0219	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	ICVE, CCVE	ug/L	0.273	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	QL-02, CCVE	ug/L	0.546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.273	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0546	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 19:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

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

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 15:03	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**59.7**		ng/L	0.437	1.64	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**112**		ng/L	0.325	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**112**		ng/L	0.660	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**338**		ng/L	0.632	1.70	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**46.6**		ng/L	0.390	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**3970**		ng/L	82.0	186	1	EPA 1633 Draft 3	01/18/2025 15:35	01/20/2025 22:33	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**23.8**		ng/L	0.483	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**6.88**		ng/L	0.697	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	**Perfluoroundecanoic acid (PFUnA)**	**5.00**		ng/L	1.05	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	**Perfluorododecanoic acid (PFDoA)**	**9.20**		ng/L	0.818	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.688	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.641	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NJDEP-NY037			
2355-31-9	**N-MeFOSAA**	**0.822**	J	ng/L	0.734	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	**N-EtFOSAA**	**1.25**	J	ng/L	0.957	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**121**		ng/L	0.214	3.72	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	*** Perfluoro-1-octanesulfonamide (FOSA)**	**5.65**		ng/L	0.818	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NJDEP-NY037			
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**24.9**		ng/L	0.846	1.77	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NJDEP-NY037			
335-77-3	*** Perfluoro-1-decanesulfonic acid (PFDS)**	**1.72**	J	ng/L	1.23	1.79	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NJDEP-NY037			
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**36.4**		ng/L	6.97	7.06	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
39108-34-4	**1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)**	**44.6**		ng/L	1.90	7.14	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**44.0**		ng/L	0.307	7.43	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.465	3.31	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	1.99	3.72	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.232	3.72	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.344	3.72	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058			
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**45.7**		ng/L	0.706	1.75	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.66	6.97	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.00	7.43	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.28	7.02	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.650	6.95	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.492	7.02	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.864	1.80	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				
68259-12-1	* **Perfluoro-1-nonanesulfonic acid (PFNS)**	**1.22**	J	ng/L	0.799	1.78	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.89	4.65	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.81	23.2	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	8.80	23.2	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.71	18.6	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.47	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.71	18.6	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.67	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 09:51	AM
							Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*	*25-150*
M3PFBS	*Surrogate: M3PFBS*	*126 %*	*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*108 %*	*25-150*

Sample Information

Client Sample ID: MW00X

York Sample ID: 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C5PFHXA	*Surrogate: M5PFHxA*	*116 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*111 %*			*25-150*						
13C4PFHPA	*Surrogate: M4PFHpA*	*108 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*133 %*			*25-150*						
13C3PFHXS	*Surrogate: M3PFHxS*	*127 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*132 %*			*25-150*						
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*117 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*120 %*			*25-150*						
13C6PFDA	*Surrogate: M6PFDA*	*106 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*142 %*			*25-150*						
13C7PFUNA	*Surrogate: M7PFUdA*	*102 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*119 %*			*25-150*						
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic*	*91.4 %*			*25-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*77.7 %*			*10-150*						
13C2PFTEDA	*Surrogate: M2PFTeDA*	*64.3 %*			*10-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*4.15 %*	PFSu-L		*25-150*						
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*36.4 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*125 %*			*25-150*						
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfonic*	*161 %*	PFSu-H		*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*66.6 %*			*25-150*						
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic acid*	*112 %*			*25-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*115 %*			*10-150*						
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfonam*	*205 %*	PFSu-H		*10-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*			*25-150*						
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*195 %*	PFSu-H		*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*111 %*			*25-150*						
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*208 %*	PFSu-H		*25-150*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*75.6 %*			*25-200*						
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*102 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*73.6 %*			*25-200*						
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*101 %*			*25-200*						
13C9PFNA	*Surrogate: M9PFNA*	*112 %*			*25-150*						
13C9PFNA	*Surrogate: M9PFNA*	*106 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*78.4 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*136 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*97.4 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*150 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*91.5 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*132 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*93.4 %*			*25-150*						

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*117 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*109 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*158 %*	PFSu-H		*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*126 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*156 %*	PFSu-H		*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:17	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:31	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/15/2025 23:47	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.5 %*	*30-150*

Sample Information

Client Sample ID: **MW00X** **York Sample ID:** **25A0590-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:06	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:06	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:06	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*81.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**22.3**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	**Magnesium**	**2.23**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	**Manganese**	**0.195**		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**1.78**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**12.1**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:41	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: MW00X **York Sample ID:** 25A0590-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Ground Water	January 9, 2025 12:55 pm	01/10/2025

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:41	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes:

Sample Notes: HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/15/2025 14:30	01/15/2025 19:35	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**0.980**		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**7.88**		ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 14:40	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	6.25	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.25	12.5	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.938	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	3.12	6.25	1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*20.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.0 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.312	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.312	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0625	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:15	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 15:20	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.452	1.70	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.337	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.683	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.654	1.76	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.404	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.789	1.79	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.500	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.722	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.847	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.712	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.664	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.760	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.991	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.221	3.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.847	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.876	1.84	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.86	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.22	7.31	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.97	7.39	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.318	7.70	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.481	3.43	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.06	3.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.241	3.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.356	3.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.731	1.81	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.72	7.22	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.11	7.70	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.33	7.28	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.674	7.20	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.510	7.28	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.895	1.87	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.828	1.85	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.95	4.81	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.05	24.1	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.11	24.1	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.84	19.2	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.52	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.84	19.2	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.73	1.92	1	EPA 1633 Draft 3	01/13/2025 12:30	01/16/2025 10:07	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*122 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*110 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*132 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*112 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*122 %*		*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*136 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*114 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*83.4 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*4.67 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*113 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*84.9 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*107 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*101 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*106 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*84.8 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*90.4 %*		*25-200*

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C9PFNA	*Surrogate: M9PFNA*	*114 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*86.0 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*87.3 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*80.1 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*105 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*91.6 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*87.3 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 18:47	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 22:46	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:01	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-150*

Sample Information

Client Sample ID: **Equipment Blank 1/9/25** **York Sample ID:** **25A0590-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:13	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:13	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:13	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*81.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**0.0819**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-09-7	**Potassium**	**0.141**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:43	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Equipment Blank 1/9/25 **York Sample ID:** 25A0590-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:20 pm	01/10/2025

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:45	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** HT-02

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/15/2025 14:30	01/15/2025 19:35	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	**Bromodichloromethane**	**1.65**		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	**Chloroform**	**15.8**		ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02, CCVE	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*79-122*						

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 15:07	PD
							Certifications:				

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: Field Blank 1/9/25 **York Sample ID:** 25A0590-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:				
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.8 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*19.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.9 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.4 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1912-24-9	Atrazine	ND	ICVE	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
117-81-7	**Bis(2-ethylhexyl)phthalate**	**9.55**		ug/L	2.50	5	EPA 8270D SIM	01/14/2025 08:38	01/16/2025 14:37	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
67-72-1	Hexachloroethane	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
98-95-3	Nitrobenzene	ND	CCVE, ICVE	ug/L	0.250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
62-75-9	N-Nitrosodimethylamine	ND	CCVE, QL-02	ug/L	0.500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	01/14/2025 08:38	01/15/2025 20:45	AAK
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

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

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270E SIM	01/14/2025 08:33	01/14/2025 15:37	SS
						Certifications:	NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.448	1.69	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.334	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.677	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.649	1.75	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.401	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.782	1.77	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.496	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.716	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.08	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.706	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.658	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NJDEP-NY037			
2355-31-9	N-MeFOSAA	ND		ng/L	0.754	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2991-50-6	N-EtFOSAA	ND		ng/L	0.983	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.219	3.82	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.840	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NJDEP-NY037			
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.868	1.82	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NJDEP-NY037			
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.26	1.84	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NJDEP-NY037			
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.16	7.25	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.96	7.33	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.315	7.63	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.477	3.40	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058			
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.04	3.82	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058			
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND	PF-LCS-L	ng/L	0.239	3.82	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058			
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.353	3.82	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058			
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.725	1.79	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.71	7.16	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.08	7.63	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.32	7.21	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
756426-58-1	9CL-PF3ONS	ND		ng/L	0.668	7.14	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
919005-14-4	ADONA	ND		ng/L	0.506	7.21	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NELAC-NY12058,NJDEP-NY037			
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.887	1.85	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.820	1.83	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:	NJDEP-NY037			
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.94	4.77	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	6.99	23.9	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.03	23.9	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				
24448-09-7	* N-MeFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				
31506-32-8	* N-MeFOSA	ND		ng/L	1.51	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				
1691-99-2	* N-EtFOSE	ND		ng/L	3.81	19.1	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				
4151-50-2	* N-EtFOSA	ND		ng/L	1.72	1.91	1	EPA 1633 Draft 3	01/15/2025 10:21	01/17/2025 02:26	AM
							Certifications:				

	Surrogate Recoveries	Result		Acceptance Range
M3PFBS	*Surrogate: M3PFBS*	*125 %*		*25-150*
13C5PFHXA	*Surrogate: M5PFHxA*	*114 %*		*25-150*
13C4PFHPA	*Surrogate: M4PFHpA*	*114 %*		*25-150*
13C3PFHXS	*Surrogate: M3PFHxS*	*124 %*		*25-150*
13C8PFOA	*Surrogate: Perfluoro-n-[13C8]octanoic acid*	*117 %*		*25-150*
13C6PFDA	*Surrogate: M6PFDA*	*153 %*	PFSu-H	*25-150*
13C7PFUNA	*Surrogate: M7PFUdA*	*135 %*		*25-150*
960315-52-0	*Surrogate: Perfluoro-n-[1,2-13C2]dodecane*	*111 %*		*25-150*
13C2PFTEDA	*Surrogate: M2PFTeDA*	*88.9 %*		*10-150*
13C4PFBA	*Surrogate: Perfluoro-n-[13C4]butanoic acid*	*3.31 %*	PFSu-L	*25-150*
13C8PFOS	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*117 %*		*25-150*
13C5PFPEA	*Surrogate: Perfluoro-n-[13C5]pentanoic ac*	*82.4 %*		*25-150*
13C8FOSA	*Surrogate: Perfluoro-1-[13C8]octanesulfon*	*109 %*		*10-150*
D3-NMEFOSAA	*Surrogate: d3-N-MeFOSAA*	*108 %*		*25-150*
D5-NETFOSAA	*Surrogate: d5-N-EtFOSAA*	*117 %*		*25-150*
M2-6:2FTS	*Surrogate: M2-6:2 FTS*	*100 %*		*25-200*
M2-8:2FTS	*Surrogate: M2-8:2 FTS*	*90.0 %*		*25-200*

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13C9PFNA	*Surrogate: M9PFNA*	*107 %*			*25-150*						
M2-4:2FTS	*Surrogate: M2-4:2 FTS*	*96.2 %*			*25-150*						
936109-37-4	*Surrogate: d-N-MeFOSA*	*95.4 %*			*25-150*						
936109-40-9	*Surrogate: d-N-EtFOSA*	*94.7 %*			*25-150*						
M3HFPO-DA	*Surrogate: M3HFPO-DA*	*115 %*			*25-150*						
D9-NETPFOSAI	*Surrogate: d9-N-EtFOSE*	*75.3 %*			*25-150*						
D7-NMEPFOSA	*Surrogate: d7-N-MeFOSE*	*76.8 %*			*25-150*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**1-Hexanol, 2-ethyl isomer R...**	**48.1**	J	ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:				
NA	**9-Octadecenal isomer RT15.33**	**22.1**	J	ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:				
NA	**Isooctyl mercaptoacetate is...**	**52.3**	J	ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:				
NA	**Octyl thioglycolate isomer ...**	**16.9**	J	ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:				
NA	**Propanoic acid isomer RT21.16**	**14.8**	J	ug/L			1	EPA 8270D	01/14/2025 08:38	01/15/2025 19:16	SS
							Certifications:				

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:				
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B	01/15/2025 08:40	01/15/2025 23:02	scb
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	01/15/2025 08:40	01/16/2025 00:15	NF
						Certifications:				

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-150*

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:20	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:20	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	01/13/2025 08:25	01/14/2025 19:20	GXB
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (I*	*72.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-70-2	**Calcium**	**0.403**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**0.171**		mg/L	0.0556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-23-5	**Sodium**	**0.769**		mg/L	0.556	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-66-6	**Zinc**	**0.0282**		mg/L	0.0278	1	EPA 6010D	01/15/2025 08:30	01/15/2025 14:44	AGNR
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/14/2025 08:53	01/15/2025 15:48	cw
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	01/15/2025 09:52	01/15/2025 09:52	DBT
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:** **HT-02**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/10/2025 23:00	01/10/2025 23:52	SHS
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201	01/15/2025 14:30	01/15/2025 19:35	CB
						Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Field Blank 1/9/25** **York Sample ID:** **25A0590-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

Sample Information

Client Sample ID: **Trip Blank 1/9/25** **York Sample ID:** **25A0590-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Trip Blank 1/9/25** **York Sample ID:** **25A0590-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
591-78-6	2-Hexanone	ND	ICVE	ug/L	0.320	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-00-3	Chloroethane	ND	CCVE	ug/L	0.448	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-87-3	Chloromethane	ND	CCVE, QL-02	ug/L	0.372	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: **Trip Blank 1/9/25** **York Sample ID:** **25A0590-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND	CCVE, QL-02	ug/L	0.451	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
91-20-3	Naphthalene	ND	CCVE	ug/L	0.212	2.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04440			
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:				
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:				
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			

Sample Information

Client Sample ID: **Trip Blank 1/9/25** **York Sample ID:** **25A0590-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0590	ORFD2301	Water	January 9, 2025 2:00 pm	01/10/2025

VOA, 8260 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
75-01-4	Vinyl Chloride	ND	CCVE, QL-02	ug/L	0.469	0.500	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE			
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	01/14/2025 08:00	01/14/2025 15:33	PD
							Certifications:				

York Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25A0590

Client : H2M architects + engineers

Client Project ID : ORFD2301

Prepared for : Stephen Kaplan

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 01/10/2025 4:40 PM

15 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (<= 6 °C)
and documented as: **{2.2}°C**

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
SB006 (0-2 IN)	25A0590-01	Soil	01/09/2025 9:30 AM	01/10/2025 4:40 PM
SB006 (2 IN -24 IN)	25A0590-02	Soil	01/09/2025 9:42 AM	01/10/2025 4:40 PM
SB006 (6- 8 FT)	25A0590-03	Soil	01/09/2025 9:50 AM	01/10/2025 4:40 PM
SB007 (0-2IN)	25A0590-04	Soil	01/09/2025 11:50 AM	01/10/2025 4:40 PM
SB007 (2IN -24IN)	25A0590-05	Soil	01/09/2025 12:00 PM	01/10/2025 4:40 PM
SB007 (6-8FT)	25A0590-06	Soil	01/09/2025 12:10 PM	01/10/2025 4:40 PM
UICO11	25A0590-07	Soil	01/09/2025 1:30 PM	01/10/2025 4:40 PM
MW001	25A0590-08	Water	01/09/2025 4:00 PM	01/10/2025 4:40 PM
MW002	25A0590-09	Water	01/09/2025 2:00 PM	01/10/2025 4:40 PM
MW003	25A0590-10	Water	01/09/2025 12:10 PM	01/10/2025 4:40 PM
MW004	25A0590-11	Water	01/09/2025 10:00 AM	01/10/2025 4:40 PM
MW00X	25A0590-12	Water	01/09/2025 12:55 PM	01/10/2025 4:40 PM
Equipment Blank 1/9/25	25A0590-13	Water	01/09/2025 2:20 PM	01/10/2025 4:40 PM
Field Blank 1/9/25	25A0590-14	Water	01/09/2025 2:00 PM	01/10/2025 4:40 PM
Trip Blank 1/9/25	25A0590-15	Water	01/09/2025 2:00 PM	01/10/2025 4:40 PM

WorkOrder Comments

For sample 25A0590-11 the lab received 1 full container and 1 empty container. For sample 25A0590-13 MS/MSD the lab received 5 full containers and 1 empty container.

2.0 Methodology

Analysis Class	Preparation Method	Analysis Methodology
VOA	EPA 5030B	EPA 8260D
VOA	EPA 5035A	EPA 8260D
SVOA	EPA 3510C	EPA 8270D
SVOA	EPA 3510C	EPA 8270D SIM
SVOA	EPA 3550C	EPA 8270D SIM
SVOA	EPA 3510C	EPA 8270E
SVOA	EPA 3550C	EPA 8270E
SVOA	EPA 3535A	EPA 8270E SIM
PFAS	EPA 1633 Prep	EPA 1633 Draft 3
PEST	EPA 3550C	EPA 8081B
PEST	EPA SW846-3510C Low Level	EPA 8081B
ARO	EPA 3550C	EPA 8082A
ARO	EPA SW846-3510C Low Level	EPA 8082A
HERB	EPA 3550C/8151A	EPA 8151A
HERB	EPA 8151A	EPA 8151A
METALS	EPA 3015A	EPA 6010D
METALS	EPA 3050B	EPA 6010D
METALS	EPA 3015A	EPA 6020B
HG	EPA SW846-7470A	EPA 7470
HG	EPA 7473 soil	EPA 7473
WET	Analysis Preparation	EPA 7196A
WET	EPA SW846-3060	EPA 7196A
WET	Analysis Preparation Soil	EPA 9014/9010C
WET	% Solids Prep	SM 2540G
WET	Analysis Preparation	SM 4500 CN C-2016 / E-20

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB006 (0-2 IN)	EPA 1633 Draft 3	25A0590-01	Soil	Perfluorohexanoic acid (PFHxA)	J
SB006 (0-2 IN)	EPA 1633 Draft 3	25A0590-01	Soil	Perfluoropentanoic acid (PFPeA)	J
SB006 (2 IN -24 IN)	EPA 1633 Draft 3	25A0590-02	Soil	Perfluoroheptanoic acid (PFHpA)	J
SB006 (2 IN -24 IN)	EPA 1633 Draft 3	25A0590-02	Soil	Perfluorohexanoic acid (PFHxA)	J
SB007 (0-2IN)	EPA 1633 Draft 3	25A0590-04	Soil	Perfluoroheptanoic acid (PFHpA)	J
SB007 (0-2IN)	EPA 1633 Draft 3	25A0590-04	Soil	Perfluorohexanoic acid (PFHxA)	J
SB007 (0-2IN)	EPA 1633 Draft 3	25A0590-04	Soil	Perfluoro-n-butanoic acid (PFBA)	J
SB007 (0-2IN)	EPA 1633 Draft 3	25A0590-04	Soil	Perfluoropentanoic acid (PFPeA)	J
SB007 (2IN -24IN)	EPA 1633 Draft 3	25A0590-05	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB007 (2IN -24IN)	EPA 1633 Draft 3	25A0590-05	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
SB007 (6-8FT)	EPA 1633 Draft 3	25A0590-06	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
SB007 (6-8FT)	EPA 1633 Draft 3	25A0590-06	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
SB007 (6-8FT)	EPA 1633 Draft 3	25A0590-06	Soil	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
UICO11	EPA 1633 Draft 3	25A0590-07	Soil	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
UICO11	EPA 1633 Draft 3	25A0590-07	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
MW001	EPA 1633 Draft 3	25A0590-08	Water	Perfluoro-1-pentanesulfonate (PFPeS)	J
MW001	EPA 1633 Draft 3	25A0590-08	Water	Perfluorononanoic acid (PFNA)	J
MW003	EPA 1633 Draft 3	25A0590-10	Water	d3-N-MeFOSAA	PFSu-H
MW003	EPA 1633 Draft 3	25A0590-10	Water	d5-N-EtFOSAA	PFSu-H
MW003	EPA 1633 Draft 3	25A0590-10	Water	d7-N-MeFOSE	PFSu-H
MW003	EPA 1633 Draft 3	25A0590-10	Water	N-EtFOSAA	J
MW003	EPA 1633 Draft 3	25A0590-10	Water	N-MeFOSAA	J
MW003	EPA 1633 Draft 3	25A0590-10	Water	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	PFSu-H
MW003	EPA 1633 Draft 3	25A0590-10	Water	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	PFSu-H
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluorobutanesulfonic acid (PFBS)	J
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluoroheptanoic acid (PFHpA)	J
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluorohexanoic acid (PFHxA)	J
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluoro-n-butanoic acid (PFBA)	J
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluorooctanoic acid (PFOA)	J
	EPA 1633 Draft 3	25A0590-10RE1	Water	Perfluoropentanoic acid (PFPeA)	J
MW004	EPA 1633 Draft 3	25A0590-11	Water	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	J
MW004	EPA 1633 Draft 3	25A0590-11	Water	d3-N-MeFOSAA	PFSu-H
MW004	EPA 1633 Draft 3	25A0590-11	Water	d5-N-EtFOSAA	PFSu-H
MW004	EPA 1633 Draft 3	25A0590-11	Water	d7-N-MeFOSE	PFSu-H
MW004	EPA 1633 Draft 3	25A0590-11	Water	d9-N-EtFOSE	PFSu-H
MW004	EPA 1633 Draft 3	25A0590-11	Water	M2-4:2 FTS	PFSu-H
MW004	EPA 1633 Draft 3	25A0590-11	Water	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	PFSu-H
	EPA 1633 Draft 3	25A0590-11RE1	Water	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
	EPA 1633 Draft 3	25A0590-11RE1	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
	EPA 1633 Draft 3	25A0590-11RE1	Water	Perfluoroheptanoic acid (PFHpA)	J
	EPA 1633 Draft 3	25A0590-11RE1	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
	EPA 1633 Draft 3	25A0590-11RE1	Water	Perfluorooctanoic acid (PFOA)	J
	EPA 1633 Draft 3	25A0590-11RE1	Water	Perfluoropentanoic acid (PFPeA)	J
MW00X	EPA 1633 Draft 3	25A0590-12	Water	d3-N-MeFOSAA	PFSu-H
MW00X	EPA 1633 Draft 3	25A0590-12	Water	d5-N-EtFOSAA	PFSu-H
MW00X	EPA 1633 Draft 3	25A0590-12	Water	d7-N-MeFOSE	PFSu-H
MW00X	EPA 1633 Draft 3	25A0590-12	Water	d9-N-EtFOSE	PFSu-H

York Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW00X	EPA 1633 Draft 3	25A0590-12	Water	N-EtFOSAA	J
MW00X	EPA 1633 Draft 3	25A0590-12	Water	N-MeFOSAA	J
MW00X	EPA 1633 Draft 3	25A0590-12	Water	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	PFSu-H
MW00X	EPA 1633 Draft 3	25A0590-12	Water	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	PFSu-H
MW00X	EPA 1633 Draft 3	25A0590-12	Water	Perfluoro-1-decanesulfonic acid (PFDS)	J
MW00X	EPA 1633 Draft 3	25A0590-12	Water	Perfluoro-1-nonanesulfonic acid (PFNS)	J
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	PF-CCV-L
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluorobutanesulfonic acid (PFBS)	J
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluoroheptanoic acid (PFHpA)	J
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluorohexanoic acid (PFHxA)	J
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluoro-n-butanoic acid (PFBA)	J
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluorooctanoic acid (PFOA)	J
	EPA 1633 Draft 3	25A0590-12RE1	Water	Perfluoropentanoic acid (PFPeA)	J
Equipment Blank 1/9/25	EPA 1633 Draft 3	25A0590-13	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
Field Blank 1/9/25	EPA 1633 Draft 3	25A0590-14	Water	M6PFDA	PFSu-H
Field Blank 1/9/25	EPA 1633 Draft 3	25A0590-14	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	PF-LCS-L
Field Blank 1/9/25	EPA 1633 Draft 3	25A0590-14	Water	Perfluoro-n-[13C4]butanoic acid (MPFBA)	PFSu-L
	EPA 1633 Draft 3	BA50704-BS2	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50704-MS1	Water	M2-4:2 FTS	PFSu-H
	EPA 1633 Draft 3	BA50704-MS1	Water	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	PFSu-H
	EPA 1633 Draft 3	BA50704-MS1	Water	Perfluoro-1-heptanesulfonic acid (PFHpS)	PFSu-H
	EPA 1633 Draft 3	BA50704-MS1	Water	Perfluoro-1-nonanesulfonic acid (PFNS)	PFSu-H
	EPA 1633 Draft 3	BA50775-BS2	Soil	11CL-PF3OUdS	J

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 1633 Draft 3	BA50775-BS2	Soil	3-Perfluoroheptyl propanoic acid (FHpPA)	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	9CL-PF3ONS	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	ADONA	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	HFPO-DA (Gen-X)	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50775-BS2	Soil	Perfluorododecanesulfonic acid (PFDoS)	J
	EPA 1633 Draft 3	BA50815-BS2	Water	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50815-BS2	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA50941-BS2	Soil	11CL-PF3OUdS	J
	EPA 1633 Draft 3	BA50941-BS2	Soil	9CL-PF3ONS	J
	EPA 1633 Draft 3	BA50941-BS2	Soil	ADONA	J
	EPA 1633 Draft 3	BA50941-BS2	Soil	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	BA51086-BLK2	Water	Perfluoropentanoic acid (PFPeA)	J
	EPA 1633 Draft 3	BA51086-BS2	Water	Perfluoro-4-oxapentanoic acid (PFMPA)	J
	EPA 1633 Draft 3	S5A1460-CCB8	Water	d7-N-MeFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB8	Water	d9-N-EtFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB9	Water	d7-N-MeFOSE	PFSu-H
	EPA 1633 Draft 3	S5A1460-CCB9	Water	d9-N-EtFOSE	PFSu-H
	EPA 1633 Draft 3	S5A2032-CCB4	Water	d7-N-MeFOSE	PFSu-H
	EPA 1633 Draft 3	S5A2032-CCB4	Water	d9-N-EtFOSE	PFSu-H
SB006 (0-2 IN)	EPA 6010D	25A0590-01	Soil	Potassium	B
SB006 (2 IN -24 IN)	EPA 6010D	25A0590-02	Soil	Potassium	B
SB006 (6- 8 FT)	EPA 6010D	25A0590-03	Soil	Potassium	B
SB007 (0-2IN)	EPA 6010D	25A0590-04	Soil	Potassium	B
SB007 (2IN -24IN)	EPA 6010D	25A0590-05	Soil	Potassium	B
SB007 (6-8FT)	EPA 6010D	25A0590-06	Soil	Potassium	B
UICO11	EPA 6010D	25A0590-07	Soil	Potassium	B
	EPA 6010D	BA50799-SRM1	Soil	Potassium	B
MW001	EPA 7196A	25A0590-08	Water		HT-02
MW002	EPA 7196A	25A0590-09	Water		HT-02

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW003	EPA 7196A	25A0590-10	Water		HT-02
MW004	EPA 7196A	25A0590-11	Water		HT-02
MW00X	EPA 7196A	25A0590-12	Water		HT-02
Equipment Blank 1/9/25	EPA 7196A	25A0590-13	Water		HT-02
Field Blank 1/9/25	EPA 7196A	25A0590-14	Water		HT-02
	EPA 7196A	BA50861-MSD1	Soil	Chromium, Hexavalent	QM-07
	EPA 7473	BA50884-MS1	Soil	Mercury	M-SPKM
	EPA 8082A	BA50856-MSD2	Water	Aroclor 1260	QR-03
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Acrolein	ICVE
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Chloroethane	CCVE
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Chloromethane	CCVE
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Dichlorodifluoromethane	CCVE
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Dichlorodifluoromethane	CAL-E
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Hexachlorobutadiene	QL-02
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Hexachlorobutadiene	CCVE
SB006 (0-2 IN)	EPA 8260D	25A0590-01	Soil	Vinyl Chloride	CCVE
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Acrolein	ICVE
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Chloroethane	CCVE
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Chloromethane	CCVE
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Dichlorodifluoromethane	CCVE
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Dichlorodifluoromethane	CAL-E
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Hexachlorobutadiene	QL-02
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Hexachlorobutadiene	CCVE
SB006 (2 IN -24 IN)	EPA 8260D	25A0590-02	Soil	Vinyl Chloride	CCVE
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Acrolein	ICVE
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Chloroethane	CCVE
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Chloromethane	CCVE
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Dichlorodifluoromethane	CCVE
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Dichlorodifluoromethane	CAL-E
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Hexachlorobutadiene	CCVE
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Hexachlorobutadiene	QL-02
SB006 (6- 8 FT)	EPA 8260D	25A0590-03	Soil	Vinyl Chloride	CCVE
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Acrolein	ICVE
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Chloroethane	CCVE
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Chloromethane	CCVE
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Dichlorodifluoromethane	CAL-E
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Dichlorodifluoromethane	CCVE
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Hexachlorobutadiene	QL-02
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Hexachlorobutadiene	CCVE
SB007 (0-2IN)	EPA 8260D	25A0590-04	Soil	Vinyl Chloride	CCVE
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Acrolein	ICVE
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Chloroethane	CCVE
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Chloromethane	CCVE
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Dichlorodifluoromethane	CAL-E
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Dichlorodifluoromethane	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Hexachlorobutadiene	CCVE
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Hexachlorobutadiene	QL-02
SB007 (2IN -24IN)	EPA 8260D	25A0590-05	Soil	Vinyl Chloride	CCVE
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Acrolein	ICVE
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Chloroethane	CCVE
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Chloromethane	CCVE
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Dichlorodifluoromethane	CAL-E
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Dichlorodifluoromethane	CCVE
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Hexachlorobutadiene	CCVE
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Hexachlorobutadiene	QL-02
SB007 (6-8FT)	EPA 8260D	25A0590-06	Soil	Vinyl Chloride	CCVE
UICO11	EPA 8260D	25A0590-07	Soil	Acrolein	ICVE
UICO11	EPA 8260D	25A0590-07	Soil	Chloroethane	CCVE
UICO11	EPA 8260D	25A0590-07	Soil	Chloromethane	CCVE
UICO11	EPA 8260D	25A0590-07	Soil	Dichlorodifluoromethane	CCVE
UICO11	EPA 8260D	25A0590-07	Soil	Dichlorodifluoromethane	CAL-E
UICO11	EPA 8260D	25A0590-07	Soil	Hexachlorobutadiene	QL-02
UICO11	EPA 8260D	25A0590-07	Soil	Hexachlorobutadiene	CCVE
UICO11	EPA 8260D	25A0590-07	Soil	Vinyl Chloride	CCVE
MW001	EPA 8260D	25A0590-08	Water	Acrolein	ICVE
MW001	EPA 8260D	25A0590-08	Water	Bromomethane	CCVE
MW001	EPA 8260D	25A0590-08	Water	Chloromethane	CCVE
MW001	EPA 8260D	25A0590-08	Water	Dichlorodifluoromethane	CCVE
MW001	EPA 8260D	25A0590-08	Water	Dichlorodifluoromethane	ICVE
MW001	EPA 8260D	25A0590-08	Water	Tetrachloroethylene	QL-02
MW001	EPA 8260D	25A0590-08	Water	Tetrachloroethylene	CCVE
MW001	EPA 8260D	25A0590-08	Water	Tetrachloroethylene	ICVE
MW001	EPA 8260D	25A0590-08	Water	Vinyl Chloride	CCVE
MW002	EPA 8260D	25A0590-09	Water	Acrolein	ICVE
MW002	EPA 8260D	25A0590-09	Water	Bromomethane	CCVE
MW002	EPA 8260D	25A0590-09	Water	Chloroform	J
MW002	EPA 8260D	25A0590-09	Water	Chloromethane	CCVE
MW002	EPA 8260D	25A0590-09	Water	Dichlorodifluoromethane	CCVE
MW002	EPA 8260D	25A0590-09	Water	Dichlorodifluoromethane	ICVE
MW002	EPA 8260D	25A0590-09	Water	tert-Butyl alcohol (TBA)	J
MW002	EPA 8260D	25A0590-09	Water	Tetrachloroethylene	CCVE
MW002	EPA 8260D	25A0590-09	Water	Tetrachloroethylene	ICVE
MW002	EPA 8260D	25A0590-09	Water	Tetrachloroethylene	QL-02
MW002	EPA 8260D	25A0590-09	Water	Vinyl Chloride	CCVE
MW003	EPA 8260D	25A0590-10	Water	Acrolein	ICVE
MW003	EPA 8260D	25A0590-10	Water	Bromomethane	CCVE
MW003	EPA 8260D	25A0590-10	Water	Chloromethane	CCVE
MW003	EPA 8260D	25A0590-10	Water	Dichlorodifluoromethane	ICVE
MW003	EPA 8260D	25A0590-10	Water	Dichlorodifluoromethane	CCVE
MW003	EPA 8260D	25A0590-10	Water	Tetrachloroethylene	ICVE

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SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW003	EPA 8260D	25A0590-10	Water	Tetrachloroethylene	CCVE
MW003	EPA 8260D	25A0590-10	Water	Tetrachloroethylene	QL-02
MW003	EPA 8260D	25A0590-10	Water	Vinyl Chloride	CCVE
MW004	EPA 8260D	25A0590-11	Water	Acetone	J
MW004	EPA 8260D	25A0590-11	Water	Acrolein	ICVE
MW004	EPA 8260D	25A0590-11	Water	Bromomethane	CCVE
MW004	EPA 8260D	25A0590-11	Water	Chloromethane	CCVE
MW004	EPA 8260D	25A0590-11	Water	Dichlorodifluoromethane	ICVE
MW004	EPA 8260D	25A0590-11	Water	Dichlorodifluoromethane	CCVE
MW004	EPA 8260D	25A0590-11	Water	Tetrachloroethylene	CCVE
MW004	EPA 8260D	25A0590-11	Water	Tetrachloroethylene	ICVE
MW004	EPA 8260D	25A0590-11	Water	Tetrachloroethylene	QL-02
MW004	EPA 8260D	25A0590-11	Water	Vinyl Chloride	CCVE
MW00X	EPA 8260D	25A0590-12	Water	1,2,3-Trichlorobenzene	CCVE
MW00X	EPA 8260D	25A0590-12	Water	2-Hexanone	ICVE
MW00X	EPA 8260D	25A0590-12	Water	Acrolein	ICVE
MW00X	EPA 8260D	25A0590-12	Water	Bromomethane	CCVE
MW00X	EPA 8260D	25A0590-12	Water	Chloroethane	CCVE
MW00X	EPA 8260D	25A0590-12	Water	Chloromethane	CCVE
MW00X	EPA 8260D	25A0590-12	Water	Chloromethane	QL-02
MW00X	EPA 8260D	25A0590-12	Water	Dichlorodifluoromethane	QL-02
MW00X	EPA 8260D	25A0590-12	Water	Dichlorodifluoromethane	CCVE
MW00X	EPA 8260D	25A0590-12	Water	Naphthalene	CCVE
MW00X	EPA 8260D	25A0590-12	Water	Tetrachloroethylene	QL-02
MW00X	EPA 8260D	25A0590-12	Water	Tetrachloroethylene	ICVE
MW00X	EPA 8260D	25A0590-12	Water	Tetrachloroethylene	CCVE
MW00X	EPA 8260D	25A0590-12	Water	Vinyl Chloride	CCVE
MW00X	EPA 8260D	25A0590-12	Water	Vinyl Chloride	QL-02
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	1,2,3-Trichlorobenzene	CCVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	2-Hexanone	ICVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Acrolein	ICVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Bromomethane	CCVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Chloroethane	CCVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Chloromethane	QL-02
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Chloromethane	CCVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Dichlorodifluoromethane	QL-02
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Dichlorodifluoromethane	CCVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Naphthalene	CCVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Tetrachloroethylene	QL-02
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Tetrachloroethylene	ICVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Tetrachloroethylene	CCVE
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Vinyl Chloride	QL-02
Equipment Blank 1/9/25	EPA 8260D	25A0590-13	Water	Vinyl Chloride	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	1,2,3-Trichlorobenzene	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	2-Hexanone	ICVE

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SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Acrolein	ICVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Bromomethane	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Chloroethane	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Chloromethane	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Chloromethane	QL-02
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Dichlorodifluoromethane	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Dichlorodifluoromethane	QL-02
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Naphthalene	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Tetrachloroethylene	QL-02
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Tetrachloroethylene	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Tetrachloroethylene	ICVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Vinyl Chloride	CCVE
Field Blank 1/9/25	EPA 8260D	25A0590-14	Water	Vinyl Chloride	QL-02
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	1,2,3-Trichlorobenzene	CCVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	2-Hexanone	ICVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Acrolein	ICVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Bromomethane	CCVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Chloroethane	CCVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Chloromethane	CCVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Chloromethane	QL-02
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Dichlorodifluoromethane	QL-02
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Dichlorodifluoromethane	CCVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Naphthalene	CCVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Tetrachloroethylene	CCVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Tetrachloroethylene	ICVE
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Tetrachloroethylene	QL-02
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Vinyl Chloride	QL-02
Trip Blank 1/9/25	EPA 8260D	25A0590-15	Water	Vinyl Chloride	CCVE
	EPA 8260D	BA50633-BLK1	Soil	Acetone	J
	EPA 8260D	BA50773-BLK1	Water	1,2,3-Trichlorobenzene	J
	EPA 8260D	BA50773-BLK1	Water	Hexachlorobutadiene	J
	EPA 8260D	BA50773-BLK1	Water	Naphthalene	J
	EPA 8260D	BA50773-BS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BA50773-BS1	Water	Hexachlorobutadiene	B
	EPA 8260D	BA50773-BS1	Water	Naphthalene	B
	EPA 8260D	BA50784-BLK1	Water	1,2,3-Trichlorobenzene	J
	EPA 8260D	BA50784-BLK1	Water	Naphthalene	J
	EPA 8260D	BA50784-BS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BA50784-BS1	Water	Naphthalene	B
	EPA 8260D	BA50784-MS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BA50784-MS1	Water	Naphthalene	B
	EPA 8260D	BA50784-MSD1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BA50784-MSD1	Water	Naphthalene	B
	EPA 8260D	S5A0201-SCV1	Water	2-Hexanone	ICVE
	EPA 8260D	S5A0201-SCV1	Water	Acetone	ICVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 8260D	S5A0201-SCV1	Water	Acrolein	ICVE
	EPA 8260D	S5A0201-SCV1	Water	Tetrachloroethylene	ICVE
	EPA 8260D	S5A1008-SCV1	Soil	Acetone	ICVE
	EPA 8260D	S5A1008-SCV1	Soil	Acrolein	ICVE
	EPA 8260D	S5A1311-SCV1	Water	Acetone	ICVE20
	EPA 8260D	S5A1311-SCV1	Water	Acetone	ICVE
	EPA 8260D	S5A1311-SCV1	Water	Acrolein	ICVE
	EPA 8260D	S5A1311-SCV1	Water	Acrolein	ICVE20
	EPA 8260D	S5A1311-SCV1	Water	Dichlorodifluoromethane	ICVE20
	EPA 8260D	S5A1311-SCV1	Water	Dichlorodifluoromethane	ICVE
	EPA 8260D	S5A1311-SCV1	Water	Tetrachloroethylene	ICVE
	EPA 8260D	S5A1311-SCV1	Water	Tetrachloroethylene	ICVE20
MW001	EPA 8270D	25A0590-08	Water		EXT-EM
MW003	EPA 8270D	25A0590-10	Water		EXT-EM
MW004	EPA 8270D	25A0590-11	Water		EXT-EM
MW00X	EPA 8270D	25A0590-12	Water		EXT-EM
	EPA 8270D	BA50763-BS1	Water	Caprolactam	J
	EPA 8270D	BA50763-BS1	Water	Pyridine	J
	EPA 8270D	BA50763-MS1	Water	Pyridine	J
	EPA 8270D	BA50763-MSD1	Water	Caprolactam	J
SB006 (0-2 IN)	EPA 8270D SIM	25A0590-01	Soil	1,4-Dioxane-d8	S-HI
SB006 (0-2 IN)	EPA 8270D SIM	25A0590-01	Soil	1,4-Dioxane-d8	S-08
MW001	EPA 8270D SIM	25A0590-08	Water		EXT-EM
MW001	EPA 8270D SIM	25A0590-08	Water	Atrazine	ICVE
MW001	EPA 8270D SIM	25A0590-08	Water	Benzo(a)anthracene	CAL-E
MW001	EPA 8270D SIM	25A0590-08	Water	Benzo(k)fluoranthene	CAL-E
MW001	EPA 8270D SIM	25A0590-08	Water	Dibenzo(a,h)anthracene	CAL-E
MW001	EPA 8270D SIM	25A0590-08	Water	Hexachloroethane	QL-02
MW001	EPA 8270D SIM	25A0590-08	Water	Indeno(1,2,3-cd)pyrene	CAL-E
MW001	EPA 8270D SIM	25A0590-08	Water	Nitrobenzene	ICVE
MW001	EPA 8270D SIM	25A0590-08	Water	Nitrobenzene	CCVE
MW001	EPA 8270D SIM	25A0590-08	Water	N-Nitrosodimethylamine	QL-02
MW001	EPA 8270D SIM	25A0590-08	Water	N-Nitrosodimethylamine	CCVE
MW001	EPA 8270D SIM	25A0590-08	Water	Pentachlorophenol	CCVE
MW002	EPA 8270D SIM	25A0590-09	Water	Atrazine	ICVE
MW002	EPA 8270D SIM	25A0590-09	Water	Benzo(a)anthracene	CAL-E
MW002	EPA 8270D SIM	25A0590-09	Water	Benzo(k)fluoranthene	CAL-E
MW002	EPA 8270D SIM	25A0590-09	Water	Dibenzo(a,h)anthracene	CAL-E
MW002	EPA 8270D SIM	25A0590-09	Water	Hexachloroethane	QL-02
MW002	EPA 8270D SIM	25A0590-09	Water	Indeno(1,2,3-cd)pyrene	CAL-E
MW002	EPA 8270D SIM	25A0590-09	Water	Nitrobenzene	ICVE
MW002	EPA 8270D SIM	25A0590-09	Water	Nitrobenzene	CCVE
MW002	EPA 8270D SIM	25A0590-09	Water	N-Nitrosodimethylamine	QL-02
MW002	EPA 8270D SIM	25A0590-09	Water	N-Nitrosodimethylamine	CCVE
MW002	EPA 8270D SIM	25A0590-09	Water	Pentachlorophenol	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW003	EPA 8270D SIM	25A0590-10	Water		EXT-EM
MW003	EPA 8270D SIM	25A0590-10	Water	Atrazine	ICVE
MW003	EPA 8270D SIM	25A0590-10	Water	Benzo(a)anthracene	CAL-E
MW003	EPA 8270D SIM	25A0590-10	Water	Benzo(k)fluoranthene	CAL-E
MW003	EPA 8270D SIM	25A0590-10	Water	Dibenzo(a,h)anthracene	CAL-E
MW003	EPA 8270D SIM	25A0590-10	Water	Hexachloroethane	QL-02
MW003	EPA 8270D SIM	25A0590-10	Water	Indeno(1,2,3-cd)pyrene	CAL-E
MW003	EPA 8270D SIM	25A0590-10	Water	Nitrobenzene	CCVE
MW003	EPA 8270D SIM	25A0590-10	Water	Nitrobenzene	ICVE
MW003	EPA 8270D SIM	25A0590-10	Water	N-Nitrosodimethylamine	QL-02
MW003	EPA 8270D SIM	25A0590-10	Water	N-Nitrosodimethylamine	CCVE
MW003	EPA 8270D SIM	25A0590-10	Water	Pentachlorophenol	CCVE
MW004	EPA 8270D SIM	25A0590-11	Water		EXT-EM
MW004	EPA 8270D SIM	25A0590-11	Water	Atrazine	ICVE
MW004	EPA 8270D SIM	25A0590-11	Water	Benzo(a)anthracene	CAL-E
MW004	EPA 8270D SIM	25A0590-11	Water	Benzo(k)fluoranthene	CAL-E
MW004	EPA 8270D SIM	25A0590-11	Water	Dibenzo(a,h)anthracene	CAL-E
MW004	EPA 8270D SIM	25A0590-11	Water	Hexachloroethane	QL-02
MW004	EPA 8270D SIM	25A0590-11	Water	Indeno(1,2,3-cd)pyrene	CAL-E
MW004	EPA 8270D SIM	25A0590-11	Water	Nitrobenzene	CCVE
MW004	EPA 8270D SIM	25A0590-11	Water	Nitrobenzene	ICVE
MW004	EPA 8270D SIM	25A0590-11	Water	N-Nitrosodimethylamine	CCVE
MW004	EPA 8270D SIM	25A0590-11	Water	N-Nitrosodimethylamine	QL-02
MW004	EPA 8270D SIM	25A0590-11	Water	Pentachlorophenol	CCVE
MW00X	EPA 8270D SIM	25A0590-12	Water		EXT-EM
MW00X	EPA 8270D SIM	25A0590-12	Water	Atrazine	ICVE
MW00X	EPA 8270D SIM	25A0590-12	Water	Benzo(a)anthracene	CAL-E
MW00X	EPA 8270D SIM	25A0590-12	Water	Benzo(k)fluoranthene	CAL-E
MW00X	EPA 8270D SIM	25A0590-12	Water	Dibenzo(a,h)anthracene	CAL-E
MW00X	EPA 8270D SIM	25A0590-12	Water	Hexachloroethane	QL-02
MW00X	EPA 8270D SIM	25A0590-12	Water	Indeno(1,2,3-cd)pyrene	CAL-E
MW00X	EPA 8270D SIM	25A0590-12	Water	Nitrobenzene	CCVE
MW00X	EPA 8270D SIM	25A0590-12	Water	Nitrobenzene	ICVE
MW00X	EPA 8270D SIM	25A0590-12	Water	N-Nitrosodimethylamine	QL-02
MW00X	EPA 8270D SIM	25A0590-12	Water	N-Nitrosodimethylamine	CCVE
MW00X	EPA 8270D SIM	25A0590-12	Water	Pentachlorophenol	CCVE
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Atrazine	ICVE
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Benzo(a)anthracene	CAL-E
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Benzo(k)fluoranthene	CAL-E
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Dibenzo(a,h)anthracene	CAL-E
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Hexachloroethane	QL-02
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Indeno(1,2,3-cd)pyrene	CAL-E
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Nitrobenzene	ICVE
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Nitrobenzene	CCVE
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	N-Nitrosodimethylamine	CCVE

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Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	N-Nitrosodimethylamine	QL-02
Equipment Blank 1/9/25	EPA 8270D SIM	25A0590-13	Water	Pentachlorophenol	CCVE
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Atrazine	ICVE
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Benzo(a)anthracene	CAL-E
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Benzo(k)fluoranthene	CAL-E
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Dibenzo(a,h)anthracene	CAL-E
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Hexachloroethane	QL-02
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Indeno(1,2,3-cd)pyrene	CAL-E
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Nitrobenzene	ICVE
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Nitrobenzene	CCVE
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	N-Nitrosodimethylamine	CCVE
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	N-Nitrosodimethylamine	QL-02
Field Blank 1/9/25	EPA 8270D SIM	25A0590-14	Water	Pentachlorophenol	CCVE
SB006 (0-2 IN)	EPA 8270E	25A0590-01	Soil	2,4-Dinitrophenol	CAL-E
SB006 (0-2 IN)	EPA 8270E	25A0590-01	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB006 (0-2 IN)	EPA 8270E	25A0590-01	Soil	Pentachlorophenol	CAL-E
SB006 (0-2 IN)	EPA 8270E	25A0590-01	Soil	SURR: 2,4,6-Tribromophenol	S-08
SB006 (2 IN -24 IN)	EPA 8270E	25A0590-02	Soil	2,4-Dinitrophenol	CAL-E
SB006 (2 IN -24 IN)	EPA 8270E	25A0590-02	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB006 (2 IN -24 IN)	EPA 8270E	25A0590-02	Soil	Pentachlorophenol	CAL-E
SB006 (6- 8 FT)	EPA 8270E	25A0590-03	Soil	2,4-Dinitrophenol	CAL-E
SB006 (6- 8 FT)	EPA 8270E	25A0590-03	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB006 (6- 8 FT)	EPA 8270E	25A0590-03	Soil	Pentachlorophenol	CAL-E
SB007 (0-2IN)	EPA 8270E	25A0590-04	Soil	2,4-Dinitrophenol	CAL-E
SB007 (0-2IN)	EPA 8270E	25A0590-04	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB007 (0-2IN)	EPA 8270E	25A0590-04	Soil	Pentachlorophenol	CAL-E
SB007 (2IN -24IN)	EPA 8270E	25A0590-05	Soil	2,4-Dinitrophenol	CAL-E
SB007 (2IN -24IN)	EPA 8270E	25A0590-05	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB007 (2IN -24IN)	EPA 8270E	25A0590-05	Soil	Pentachlorophenol	CAL-E
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	1,2,4,5-Tetrachlorobenzene	ICVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	3,3-Dichlorobenzidine	ICVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	4,6-Dinitro-2-methylphenol	CAL-E
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	4-Nitrophenol	CCVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Acetophenone	ICVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Aniline	CCVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Atrazine	ICVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Benzaldehyde	ICVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Benzidine	CAL-E
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Benzidine	ICVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Benzoic acid	CAL-E
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Benzoic acid	CCVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Bis(2-chloroisopropyl)ether	CCVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Caprolactam	ICVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Hexachlorocyclopentadiene	CCVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	N-Nitrosodimethylamine	CCVE

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	N-nitroso-di-n-propylamine	CCVE
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Pentachlorophenol	CAL-E
SB007 (6-8FT)	EPA 8270E	25A0590-06	Soil	Pentachlorophenol	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	1,2,4,5-Tetrachlorobenzene	ICVE
UICO11	EPA 8270E	25A0590-07	Soil	3,3-Dichlorobenzidine	ICVE
UICO11	EPA 8270E	25A0590-07	Soil	4,6-Dinitro-2-methylphenol	CAL-E
UICO11	EPA 8270E	25A0590-07	Soil	4-Nitrophenol	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	Acetophenone	ICVE
UICO11	EPA 8270E	25A0590-07	Soil	Aniline	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	Atrazine	ICVE
UICO11	EPA 8270E	25A0590-07	Soil	Benzaldehyde	ICVE
UICO11	EPA 8270E	25A0590-07	Soil	Benzidine	ICVE
UICO11	EPA 8270E	25A0590-07	Soil	Benzidine	CAL-E
UICO11	EPA 8270E	25A0590-07	Soil	Benzoic acid	CAL-E
UICO11	EPA 8270E	25A0590-07	Soil	Benzoic acid	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	Bis(2-chloroisopropyl)ether	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	Caprolactam	ICVE
UICO11	EPA 8270E	25A0590-07	Soil	Hexachlorocyclopentadiene	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	N-Nitrosodimethylamine	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	N-nitroso-di-n-propylamine	CCVE
UICO11	EPA 8270E	25A0590-07	Soil	Pentachlorophenol	CAL-E
UICO11	EPA 8270E	25A0590-07	Soil	Pentachlorophenol	CCVE
	EPA 8270E	BA50757-MS1	Soil	Aniline	J
	EPA 8270E	BA50757-MSD1	Soil	Benzoic acid	J
	EPA 8270E	BA50822-BS1	Soil	4,6-Dinitro-2-methylphenol	J

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Qualifier Definitions :	
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
S-08	The recovery of this surrogate was outside of QC limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
PF-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50001

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50001	S5A0201	S5A0201	Secondary Cal Check	S5A0201-SCV1	VOA No. 10	V10C09517.D
SA50001	S5A1421	S5A1421	Calibration Check	S5A1421-CCV1	VOA No. 10	V10C09779.D
SA50001	BA50773	S5A1421	LCS	BA50773-BS1	VOA No. 10	V10C09781.D
SA50001	BA50773	S5A1421	Blank	BA50773-BLK1	VOA No. 10	V10C09783.D
SA50001	BA50773	S5A1421	Equipment Blank 1/9/25	25A0590-13	VOA No. 10	V10C09793.D
SA50001	BA50773	S5A1421	Field Blank 1/9/25	25A0590-14	VOA No. 10	V10C09794.D
SA50001	BA50773	S5A1421	Trip Blank 1/9/25	25A0590-15	VOA No. 10	V10C09795.D
SA50001	BA50773	S5A1421	MW00X	25A0590-12	VOA No. 10	V10C09796.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50001	VOA No. 10	12/30/2024 7:00:56 AM	V10C09507.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2-Dibromo-3-chloropropane		20	**0.0439**	0.05				QR0
1,4-Dioxane	**12.76**	20	**0.0009**	0.05				Avg
tert-Butyl alcohol (TBA)	**15.52**	20	**0.0291**	0.05				Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A0201-SCV1		V10C09517.D
Calibration Check	S5A1421-CCV1		V10C09779.D
LCS	BA50773-BS1		V10C09781.D
Blank	BA50773-BLK1		V10C09783.D
Equipment Blank 1/9/25	25A0590-13		V10C09793.D
Field Blank 1/9/25	25A0590-14		V10C09794.D
Trip Blank 1/9/25	25A0590-15		V10C09795.D
MW00X	25A0590-12		V10C09796.D

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EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50001	S5A0201-SCV1	2-Hexanone	10.0	6.51	**65.1**	70 - 130
SA50001	S5A0201-SCV1	Acetone	10.0	14.2	**142**	70 - 130
SA50001	S5A0201-SCV1	Acrolein	10.0	4.44	**44.4**	70 - 130
SA50001	S5A0201-SCV1	Tetrachloroethylene	10.0	5.69	**56.9**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1421-CCV1	Calibration Check	V10C09779.D
BA50773-BS1	LCS	V10C09781.D
BA50773-BLK1	Blank	V10C09783.D
25A0590-13	Equipment Blank 1/9/25	V10C09793.D
25A0590-14	Field Blank 1/9/25	V10C09794.D
25A0590-15	Trip Blank 1/9/25	V10C09795.D
25A0590-12	MW00X	V10C09796.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50001	S5A1421	S5A1421-CCV1	V10C09779.D	01/14/25 08:15

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50001	S5A1421-CCV1	1,2,3-Trichlorobenzene	ug/L	7.14	10.0	**71.4**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Bromomethane	ug/L	6.31	10.0	**63.1**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Chloroethane	ug/L	7.70	10.0	**77**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Chloromethane	ug/L	4.38	10.0	**43.8**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Dichlorodifluoromethane	ug/L	1.87	10.0	**18.7**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Isopropylbenzene	ug/L	12.6	10.0	**126**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Naphthalene	ug/L	7.97	10.0	**79.7**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	n-Propylbenzene	ug/L	12.4	10.0	**124**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Tetrachloroethylene	ug/L	7.46	10.0	**74.6**	80	120	V10C09779.D
SA50001	S5A1421-CCV1	Vinyl Chloride	ug/L	5.83	10.0	**58.3**	80	120	V10C09779.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50001	S5A1421	BA50773-BS1	LCS		V10C09781.D
SA50001	S5A1421	BA50773-BLK1	Blank		V10C09783.D
SA50001	S5A1421	25A0590-13	Equipment Blank 1/9/		V10C09793.D
SA50001	S5A1421	25A0590-14	Field Blank 1/9/25		V10C09794.D
SA50001	S5A1421	25A0590-15	Trip Blank 1/9/25		V10C09795.D
SA50001	S5A1421	25A0590-12	MW00X		V10C09796.D

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EPA 8260D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50773	S5A1421	VOA No. 10	BA50773-BLK1	V10C09783.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1421	Blank	BA50773-BLK1	Water	1,2,3-Trichlorobenzene	0.250	0.500	ug/L
S5A1421	Blank	BA50773-BLK1	Water	Hexachlorobutadiene	0.400	0.500	ug/L
S5A1421	Blank	BA50773-BLK1	Water	Naphthalene	0.240	2.00	ug/L

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA50773	25A0590-12	MW00X	V10C09796.D
BA50773	25A0590-13	Equipment Blank 1/9/25	V10C09793.D
BA50773	25A0590-14	Field Blank 1/9/25	V10C09794.D
BA50773	25A0590-15	Trip Blank 1/9/25	V10C09795.D
BA50773	BA50773-BS1	LCS	V10C09781.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50001	5A1421	BA50773-BS1	LCS	V10C09781.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1421	LCS	BA50773-BS1	Acetone		**159**		14 - 150	
S5A1421	LCS	BA50773-BS1	Chloromethane		**39.5**		43 - 155	
S5A1421	LCS	BA50773-BS1	Dichlorodifluoromethane		**11.4**		44 - 144	
S5A1421	LCS	BA50773-BS1	Tetrachloroethylene		**67.4**		82 - 131	
S5A1421	LCS	BA50773-BS1	Vinyl Chloride		**50.3**		58 - 145	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50773	25A0590-12	MW00X	
BA50773	25A0590-13	Equipment Blank 1/9	
BA50773	25A0590-14	Field Blank 1/9/25	
BA50773	25A0590-15	Trip Blank 1/9/25	
BA50773	BA50773-BLK1	Blank	

EPA 8260D

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50015

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50015	S5A1008	S5A1008	Secondary Cal Check	S5A1008-SCV1	MS VOA 2	V2-632907.D
SA50015	S5A1323	S5A1323	Calibration Check	S5A1323-CCV1	MS VOA 2	V2-632934.D
SA50015	BA50633	S5A1323	Blank	BA50633-BLK1	MS VOA 2	V2-632935.D
SA50015	BA50633	S5A1323	LCS	BA50633-BS1	MS VOA 2	V2-632936.D
SA50015	BA50633	S5A1323	LCS Dup	BA50633-BSD1	MS VOA 2	V2-632937.D
SA50015	BA50633	S5A1323	SB006 (0-2 IN)	25A0590-01	MS VOA 2	V2-632948.D
SA50015	BA50633	S5A1323	SB006 (2 IN -24 IN)	25A0590-02	MS VOA 2	V2-632949.D
SA50015	BA50633	S5A1323	SB006 (6- 8 FT)	25A0590-03	MS VOA 2	V2-632950.D
SA50015	BA50633	S5A1323	SB007 (0-2IN)	25A0590-04	MS VOA 2	V2-632951.D
SA50015	BA50633	S5A1323	SB007 (2IN -24IN)	25A0590-05	MS VOA 2	V2-632952.D
SA50015	BA50633	S5A1323	SB007 (6-8FT)	25A0590-06	MS VOA 2	V2-632953.D
SA50015	BA50633	S5A1323	UICO11	25A0590-07	MS VOA 2	V2-632954.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50015	MS VOA 2	1/9/2025 8:00:10 AM	V2-632898.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane		20	**0.0034**	0.05				QR0
Dichlorodifluoromethane		20			0.98838	**out**		QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A1008-SCV1		V2-632907.D
Calibration Check	S5A1323-CCV1		V2-632934.D
Blank	BA50633-BLK1		V2-632935.D
LCS	BA50633-BS1		V2-632936.D
LCS Dup	BA50633-BSD1		V2-632937.D
SB006 (0-2 IN)	25A0590-01		V2-632948.D
SB006 (2 IN -24 IN)	25A0590-02		V2-632949.D
SB006 (6- 8 FT)	25A0590-03		V2-632950.D
SB007 (0-2IN)	25A0590-04		V2-632951.D
SB007 (2IN -24IN)	25A0590-05		V2-632952.D
SB007 (6-8FT)	25A0590-06		V2-632953.D
UICO11	25A0590-07		V2-632954.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50015	S5A1008-SCV1	Acetone	50.0	103	**207**	70 - 130
SA50015	S5A1008-SCV1	Acrolein	50.0	28.4	**56.8**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1323-CCV1	Calibration Check	V2-632934.D
BA50633-BLK1	Blank	V2-632935.D
BA50633-BS1	LCS	V2-632936.D
BA50633-BSD1	LCS Dup	V2-632937.D
25A0590-01	SB006 (0-2 IN)	V2-632948.D
25A0590-02	SB006 (2 IN -24 IN)	V2-632949.D
25A0590-03	SB006 (6- 8 FT)	V2-632950.D
25A0590-04	SB007 (0-2IN)	V2-632951.D
25A0590-05	SB007 (2IN -24IN)	V2-632952.D
25A0590-06	SB007 (6-8FT)	V2-632953.D
25A0590-07	UICO11	V2-632954.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50015	S5A1323	S5A1323-CCV1	V2-632934.D	01/11/25 10:52

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50015	S5A1323-CCV1	2-Hexanone	ug/L	62.2	50.0	**124**	80	120	V2-632934.D
SA50015	S5A1323-CCV1	Acetone	ug/L	67.6	50.0	**135**	80	120	V2-632934.D
SA50015	S5A1323-CCV1	Chloroethane	ug/L	39.8	50.0	**79.6**	80	120	V2-632934.D
SA50015	S5A1323-CCV1	Chloromethane	ug/L	34.0	50.0	**67.9**	80	120	V2-632934.D
SA50015	S5A1323-CCV1	Dichlorodifluoromethane	ug/L	21.6	50.0	**43.3**	80	120	V2-632934.D
SA50015	S5A1323-CCV1	Hexachlorobutadiene	ug/L	31.3	50.0	**62.6**	80	120	V2-632934.D
SA50015	S5A1323-CCV1	Vinyl Chloride	ug/L	37.3	50.0	**74.6**	80	120	V2-632934.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50015	S5A1323	BA50633-BLK1	Blank		V2-632935.D
SA50015	S5A1323	BA50633-BS1	LCS		V2-632936.D
SA50015	S5A1323	BA50633-BSD1	LCS Dup		V2-632937.D
SA50015	S5A1323	25A0590-01	SB006 (0-2 IN)		V2-632948.D
SA50015	S5A1323	25A0590-02	SB006 (2 IN -24 IN)		V2-632949.D
SA50015	S5A1323	25A0590-03	SB006 (6- 8 FT)		V2-632950.D
SA50015	S5A1323	25A0590-04	SB007 (0-2IN)		V2-632951.D
SA50015	S5A1323	25A0590-05	SB007 (2IN -24IN)		V2-632952.D
SA50015	S5A1323	25A0590-06	SB007 (6-8FT)		V2-632953.D
SA50015	S5A1323	25A0590-07	UICO11		V2-632954.D

York Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50633	S5A1323	MS VOA 2	BA50633-BLK1	V2-632935.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1323	Blank	BA50633-BLK1	Soil	Acetone	0.0065	0.010	mg/kg wet

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA50633	25A0590-01	SB006 (0-2 IN)	V2-632948.D
BA50633	25A0590-02	SB006 (2 IN -24 IN)	V2-632949.D
BA50633	25A0590-03	SB006 (6- 8 FT)	V2-632950.D
BA50633	25A0590-04	SB007 (0-2IN)	V2-632951.D
BA50633	25A0590-05	SB007 (2IN -24IN)	V2-632952.D
BA50633	25A0590-06	SB007 (6-8FT)	V2-632953.D
BA50633	25A0590-07	UICO11	V2-632954.D
BA50633	BA50633-BS1	LCS	V2-632936.D
BA50633	BA50633-BSD1	LCS Dup	V2-632937.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50015	5A1323	BA50633-BS1	LCS	V2-632936.D
SA50015	5A1323	BA50633-BSD1	LCS Dup	V2-632937.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1323	LCS	BA50633-BS1	Acetone		**252**		36 - 155	
S5A1323	LCS	BA50633-BS1	Hexachlorobutadiene		**72.8**		83 - 133	
S5A1323	LCS Dup	BA50633-BSD1	Acetone	252	**266**	5.48	36 - 155	30
S5A1323	LCS Dup	BA50633-BSD1	Hexachlorobutadiene	72.8	**77.8**	6.75	83 - 133	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50633	25A0590-01	SB006 (0-2 IN)	
BA50633	25A0590-02	SB006 (2 IN -24 IN)	
BA50633	25A0590-03	SB006 (6- 8 FT)	
BA50633	25A0590-04	SB007 (0-2IN)	
BA50633	25A0590-05	SB007 (2IN -24IN)	
BA50633	25A0590-06	SB007 (6-8FT)	
BA50633	25A0590-07	UICO11	
BA50633	BA50633-BLK1	Blank	

EPA 8260D

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50018

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50018	S5A1311	S5A1311	Secondary Cal Check	S5A1311-SCV1	VOA No. 8	V8-002216.D
SA50018	S5A1505	S5A1505	Calibration Check	S5A1505-CCV1	VOA No. 8	V8-002266.D
SA50018	BA50784	S5A1505	LCS	BA50784-BS1	VOA No. 8	V8-002269.D
SA50018	BA50784	S5A1505	Blank	BA50784-BLK1	VOA No. 8	V8-002271.D
SA50018	BA50784	S5A1505	MW001	25A0590-08	VOA No. 8	V8-002283.D
SA50018	BA50784	S5A1505	MW002	25A0590-09	VOA No. 8	V8-002284.D
SA50018	BA50784	S5A1505	MW003	25A0590-10	VOA No. 8	V8-002285.D
SA50018	BA50784	S5A1505	MW004	25A0590-11	VOA No. 8	V8-002286.D
SA50018	BA50784	S5A1505	MW004MS1	BA50784-MS1	VOA No. 8	V8-002287.D
SA50018	BA50784	S5A1505	MW004MSD1	BA50784-MSD1	VOA No. 8	V8-002288.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50018	VOA No. 8	1/8/2025 8:00:53 AM	V8-002204.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,4-Dioxane	**9.82**	20	**0.0015**	0.05				Avg
tert-Butyl alcohol (TBA)		20	**0.0447**	0.05				QR0

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A1311-SCV1		V8-002216.D
Calibration Check	S5A1505-CCV1		V8-002266.D
LCS	BA50784-BS1		V8-002269.D
Blank	BA50784-BLK1		V8-002271.D
MW001	25A0590-08		V8-002283.D
MW002	25A0590-09		V8-002284.D
MW003	25A0590-10		V8-002285.D
MW004	25A0590-11		V8-002286.D
Matrix Spike	BA50784-MS1	MW004	V8-002287.D
Matrix Spike Dup	BA50784-MSD1	MW004	V8-002288.D

York Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50018	S5A1311-SCV1	Acetone	10.0	17.3	**173**	70 - 130
SA50018	S5A1311-SCV1	Acrolein	10.0	5.61	**56.1**	70 - 130
SA50018	S5A1311-SCV1	Dichlorodifluoromethane	10.0	6.22	**62.2**	70 - 130
SA50018	S5A1311-SCV1	Tetrachloroethylene	10.0	5.37	**53.7**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1505-CCV1	Calibration Check	V8-002266.D
BA50784-BS1	LCS	V8-002269.D
BA50784-BLK1	Blank	V8-002271.D
25A0590-08	MW001	V8-002283.D
25A0590-09	MW002	V8-002284.D
25A0590-10	MW003	V8-002285.D
25A0590-11	MW004	V8-002286.D
BA50784-MS1	Matrix Spike	V8-002287.D
BA50784-MSD1	Matrix Spike Dup	V8-002288.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50018	S5A1505	S5A1505-CCV1	V8-002266.D	01/14/25 09:10

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50018	S5A1505-CCV1	2-Butanone	ug/L	12.6	10.0	**126**	80	120	V8-002266.D
SA50018	S5A1505-CCV1	Bromoform	ug/L	12.8	10.0	**128**	80	120	V8-002266.D
SA50018	S5A1505-CCV1	Bromomethane	ug/L	6.53	10.0	**65.3**	80	120	V8-002266.D
SA50018	S5A1505-CCV1	Chloromethane	ug/L	5.44	10.0	**54.4**	80	120	V8-002266.D
SA50018	S5A1505-CCV1	Dichlorodifluoromethane	ug/L	5.39	10.0	**53.9**	80	120	V8-002266.D
SA50018	S5A1505-CCV1	Tetrachloroethylene	ug/L	7.13	10.0	**71.3**	80	120	V8-002266.D
SA50018	S5A1505-CCV1	Vinyl Chloride	ug/L	7.04	10.0	**70.4**	80	120	V8-002266.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50018	S5A1505	BA50784-BS1	LCS		V8-002269.D
SA50018	S5A1505	BA50784-BLK1	Blank		V8-002271.D
SA50018	S5A1505	25A0590-08	MW001		V8-002283.D
SA50018	S5A1505	25A0590-09	MW002		V8-002284.D
SA50018	S5A1505	25A0590-10	MW003		V8-002285.D
SA50018	S5A1505	25A0590-11	MW004		V8-002286.D
SA50018	S5A1505	BA50784-MS1	Matrix Spike	MW004	V8-002287.D
SA50018	S5A1505	BA50784-MSD1	Matrix Spike Dup	MW004	V8-002288.D

York Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
VOA	BA50784	S5A1505	VOA No. 8	BA50784-BLK1	V8-002271.D

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1505	Blank	BA50784-BLK1	Water	1,2,3-Trichlorobenzene	0.260	0.500	ug/L
S5A1505	Blank	BA50784-BLK1	Water	Naphthalene	0.250	2.00	ug/L

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA50784	25A0590-08	MW001	V8-002283.D
BA50784	25A0590-09	MW002	V8-002284.D
BA50784	25A0590-10	MW003	V8-002285.D
BA50784	25A0590-11	MW004	V8-002286.D
BA50784	BA50784-BS1	LCS	V8-002269.D
BA50784	BA50784-MS1	Matrix Spike	V8-002287.D
BA50784	BA50784-MSD1	Matrix Spike Dup	V8-002288.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50018	5A1505	BA50784-BS1	LCS	V8-002269.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1505	LCS	BA50784-BS1	Acetone		**180**		14 - 150	
S5A1505	LCS	BA50784-BS1	Tetrachloroethylene		**68.4**		82 - 131	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50784	25A0590-08	MW001	
BA50784	25A0590-09	MW002	
BA50784	25A0590-10	MW003	
BA50784	25A0590-11	MW004	
BA50784	BA50784-BLK1	Blank	
BA50784	BA50784-MS1	Matrix Spike	MW004
BA50784	BA50784-MSD1	Matrix Spike Dup	MW004

York Analytical Work Order Narrative

EPA 8260D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
VOA	**SA50018**	BA50784	S5A1505	MW004MS1	25A0590-11	MW004	BA50784-MS1
VOA	**SA50018**	BA50784	S5A1505	MW004MSD1	25A0590-11	MW004	BA50784-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1505	MW004	BA50784-MS1	1,1,2,2-Tetrachloroethane	ug/L		134		74 - 121	
S5A1505	MW004	BA50784-MS1	1,2,3-Trichloropropane	ug/L		132		74 - 127	
S5A1505	MW004	BA50784-MS1	1,2-Dibromoethane	ug/L		143		75 - 125	
S5A1505	MW004	BA50784-MS1	1,2-Dichloroethane	ug/L		138		68 - 131	
S5A1505	MW004	BA50784-MS1	1,2-Dichloropropane	ug/L		125		77 - 121	
S5A1505	MW004	BA50784-MS1	1,3-Dichloropropane	ug/L		133		77 - 119	
S5A1505	MW004	BA50784-MS1	Acetone	ug/L		217		13 - 149	
S5A1505	MW004	BA50784-MS1	Bromochloromethane	ug/L		133		75 - 121	
S5A1505	MW004	BA50784-MS1	Bromodichloromethane	ug/L		139		70 - 129	
S5A1505	MW004	BA50784-MS1	Bromoform	ug/L		147		66 - 136	
S5A1505	MW004	BA50784-MS1	Carbon disulfide	ug/L		146		10 - 138	
S5A1505	MW004	BA50784-MS1	Chlorobenzene	ug/L		128		81 - 117	
S5A1505	MW004	BA50784-MS1	Chloroform	ug/L		140		80 - 124	
S5A1505	MW004	BA50784-MS1	cis-1,2-Dichloroethylene	ug/L		134		76 - 125	
S5A1505	MW004	BA50784-MS1	Dibromochloromethane	ug/L		140		71 - 129	
S5A1505	MW004	BA50784-MS1	Dibromomethane	ug/L		134		76 - 120	
S5A1505	MW004	BA50784-MS1	Ethyl Benzene	ug/L		133		72 - 128	
S5A1505	MW004	BA50784-MS1	Methyl tert-butyl ether (MTBE)	ug/L		142		75 - 128	
S5A1505	MW004	BA50784-MS1	o-Xylene	ug/L		128		69 - 126	
S5A1505	MW004	BA50784-MS1	Styrene	ug/L		135		69 - 125	
S5A1505	MW004	BA50784-MS1	Toluene	ug/L		134		76 - 123	
S5A1505	MW004	BA50784-MS1	trans-1,2-Dichloroethylene	ug/L		133		79 - 131	
S5A1505	MW004	BA50784-MSD1	1,1,1-Trichloroethane	ug/L	146	154	4.94	70 - 146	30
S5A1505	MW004	BA50784-MSD1	1,1,2,2-Tetrachloroethane	ug/L	134	131	2.71	74 - 121	30
S5A1505	MW004	BA50784-MSD1	1,2,3-Trichloropropane	ug/L	132	128	2.69	74 - 127	30
S5A1505	MW004	BA50784-MSD1	1,2-Dibromoethane	ug/L	143	141	1.33	75 - 125	30
S5A1505	MW004	BA50784-MSD1	1,2-Dichloroethane	ug/L	138	138	0.0726	68 - 131	30
S5A1505	MW004	BA50784-MSD1	1,2-Dichloropropane	ug/L	125	128	2.53	77 - 121	30
S5A1505	MW004	BA50784-MSD1	1,3-Dichloropropane	ug/L	133	132	1.21	77 - 119	30
S5A1505	MW004	BA50784-MSD1	Acetone	ug/L	217	207	4.61	13 - 149	30
S5A1505	MW004	BA50784-MSD1	Bromochloromethane	ug/L	133	132	0.904	75 - 121	30
S5A1505	MW004	BA50784-MSD1	Bromodichloromethane	ug/L	139	141	1.50	70 - 129	30
S5A1505	MW004	BA50784-MSD1	Bromoform	ug/L	147	145	1.58	66 - 136	30
S5A1505	MW004	BA50784-MSD1	Carbon disulfide	ug/L	146	152	4.50	10 - 138	30
S5A1505	MW004	BA50784-MSD1	Chlorobenzene	ug/L	128	131	2.24	81 - 117	30
S5A1505	MW004	BA50784-MSD1	Chloroform	ug/L	140	144	2.39	80 - 124	30
S5A1505	MW004	BA50784-MSD1	cis-1,2-Dichloroethylene	ug/L	134	138	3.17	76 - 125	30
S5A1505	MW004	BA50784-MSD1	Dibromochloromethane	ug/L	140	139	0.502	71 - 129	30
S5A1505	MW004	BA50784-MSD1	Dibromomethane	ug/L	134	133	1.27	76 - 120	30
S5A1505	MW004	BA50784-MSD1	Ethyl Benzene	ug/L	133	137	2.96	72 - 128	30

S5A1505	MW004	BA50784-MSD1	Methyl tert-butyl ether (MTBE)	ug/L	142	144	1.61	75 - 128	30
S5A1505	MW004	BA50784-MSD1	o-Xylene	ug/L	128	131	2.24	69 - 126	30
S5A1505	MW004	BA50784-MSD1	Styrene	ug/L	135	138	2.20	69 - 125	30
S5A1505	MW004	BA50784-MSD1	Toluene	ug/L	134	138	3.38	76 - 123	30
S5A1505	MW004	BA50784-MSD1	trans-1,2-Dichloroethylene	ug/L	133	139	4.35	79 - 131	30

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1505	MW004MSD1	25A0590-11	BA50784-MSD1	Bromomethane	35.5	30	

Dilutions: No sample dilutions were required.

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D SIM

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

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50021

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50021	S5A1409	S5A1409	Secondary Cal Check	S5A1409-SCV1	MSBNA8	E800080355.D
SA50021	S5A1609	S5A1609	Calibration Check	S5A1609-CCV1	MSBNA8	E800081440.D
SA50021	BA50764	S5A1609	Blank	BA50764-BLK1	MSBNA8	E800081442.D
SA50021	BA50764	S5A1609	LCS	BA50764-BS1	MSBNA8	E800081443.D
SA50021	S5A1609	S5A1609	Calibration Check	S5A1609-CCV2	MSBNA8	E800081464.D
SA50021	BA50764	S5A1609	SB007 (0-2IN)	25A0590-04	MSBNA8	E800081465.D
SA50021	BA50764	S5A1609	SB007 (2IN -24IN)	25A0590-05	MSBNA8	E800081466.D
SA50021	BA50764	S5A1609	SB007 (6-8FT)	25A0590-06	MSBNA8	E800081467.D
SA50021	BA50764	S5A1609	UICO11	25A0590-07	MSBNA8	E800081468.D
SA50021	S5A1609	S5A1609	Calibration Check	S5A1609-CCV3	MSBNA8	E800081469.D
SA50021	S5A1618	S5A1618	Calibration Check	S5A1618-CCV1	MSBNA8	E800081481.D
SA50021	BA50764	S5A1618	SB006 (0-2 IN)	25A0590-01	MSBNA8	E800081490.D
SA50021	BA50764	S5A1618	SB006 (2 IN -24 IN)	25A0590-02	MSBNA8	E800081492.D
SA50021	BA50764	S5A1618	SB006 (6- 8 FT)	25A0590-03	MSBNA8	E800081493.D
SA50021	S5A1618	S5A1618	Calibration Check	S5A1618-CCV3	MSBNA8	E800081498.D

Initial calibration for EPA 8270D SIM met method guidelines.

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50021	S5A1609	S5A1609-CCV1	E800081440.D	01/15/25 10:29
SA50021	S5A1609	S5A1609-CCV2	E800081464.D	01/15/25 19:27
SA50021	S5A1609	S5A1609-CCV3	E800081469.D	01/15/25 20:46
SA50021	S5A1618	S5A1618-CCV1	E800081481.D	01/16/25 12:08
SA50021	S5A1618	S5A1618-CCV3	E800081498.D	01/16/25 17:08

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 8270D SIM

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50764	S5A1609	MSBNA8	BA50764-BLK1	E800081442.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50021	5A1609	BA50764-BS1	LCS	E800081443.D

EPA 8270D SIM

Dilutions: No sample dilutions were required.

EPA 8270D SIM

Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues:

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA50764	MSBNA8	**SA50021**	Blank	BA50764-BLK1	1,2-Dichlorobenzene-d4	47	0.0000

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50021	SB006 (0-2 IN)	25A0590-01	1,4-Dioxane-d8	**196**	39 - 127.5

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50022

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50022	S5A1005	S5A1005	Secondary Cal Check	S5A1005-SCV2	MSBNA9	E900324778.D
SA50022	S5A1005	S5A1005	Secondary Cal Check	S5A1005-SCV1	MSBNA9	E900324812.D
SA50022	S5A1443	S5A1443	Calibration Check	S5A1443-CCV1	MSBNA9	E900324849.D
SA50022	BA50757	S5A1443	Blank	BA50757-BLK1	MSBNA9	E900324854.D
SA50022	BA50757	S5A1443	LCS	BA50757-BS1	MSBNA9	E900324855.D
SA50022	S5A1605	S5A1605	Calibration Check	S5A1605-CCV1	MSBNA9	E900324880.D
SA50022	BA50822	S5A1605	SB006 (0-2 IN)	25A0590-01	MSBNA9	E900324889.D
SA50022	BA50822	S5A1605	SB006 (2 IN -24 IN)	25A0590-02	MSBNA9	E900324890.D
SA50022	BA50822	S5A1605	SB006 (6- 8 FT)	25A0590-03	MSBNA9	E900324891.D
SA50022	BA50822	S5A1605	SB007 (0-2IN)	25A0590-04	MSBNA9	E900324892.D
SA50022	BA50822	S5A1605	SB007 (2IN -24IN)	25A0590-05	MSBNA9	E900324893.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50022	MSBNA9	1/9/2025 12:09:22 AM	E900324766.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**44.77**	20						Avg
4,6-Dinitro-2-methylphenol	**45.94**	20						Avg
Parathion	**27.87**	20						Avg
SURR: 2,4,6-Tribromophenol	**25.75**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A1005-SCV2		E900324778.D
Secondary Cal Check	S5A1005-SCV1		E900324812.D
Calibration Check	S5A1443-CCV1		E900324849.D
Blank	BA50757-BLK1		E900324854.D
LCS	BA50757-BS1		E900324855.D
Calibration Check	S5A1605-CCV1		E900324880.D
SB006 (0-2 IN)	25A0590-01		E900324889.D
SB006 (2 IN -24 IN)	25A0590-02		E900324890.D
SB006 (6- 8 FT)	25A0590-03		E900324891.D
SB007 (0-2IN)	25A0590-04		E900324892.D
SB007 (2IN -24IN)	25A0590-05		E900324893.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50022	S5A1005-SCV1	2,3,4,6-Tetrachlorophenol	30.0	40.6	**135**	70 - 130
SA50022	S5A1005-SCV1	2,4-Dinitrophenol	30.0	43.3	**144**	70 - 130
SA50022	S5A1005-SCV1	2-Nitrophenol	30.0	40.1	**134**	70 - 130
SA50022	S5A1005-SCV1	4,6-Dinitro-2-methylphenol	30.0	45.6	**152**	70 - 130
SA50022	S5A1005-SCV2	Benzidine	30.0	46.7	**156**	70 - 130
SA50022	S5A1005-SCV1	Pentachlorophenol	30.0	46.5	**155**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1443-CCV1	Calibration Check	E900324849.D
BA50757-BS1	LCS	E900324855.D
S5A1605-CCV1	Calibration Check	E900324880.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50022	S5A1443	S5A1443-CCV1	E900324849.D	01/14/25 08:49
SA50022	S5A1605	S5A1605-CCV1	E900324880.D	01/15/25 15:22

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50022	S5A1443-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	38.5	30.0	**128**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2,4-Dinitrophenol	ug/mL	66.0	30.0	**220**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2,4-Dinitrotoluene	ug/mL	39.3	30.0	**131**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2,6-Dinitrotoluene	ug/mL	36.9	30.0	**123**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2-Nitroaniline	ug/mL	37.5	30.0	**125**	80	120	E900324849.D
SA50022	S5A1443-CCV1	2-Nitrophenol	ug/mL	39.2	30.0	**131**	80	120	E900324849.D
SA50022	S5A1443-CCV1	3,3-Dichlorobenzidine	ug/mL	36.6	30.0	**122**	80	120	E900324849.D
SA50022	S5A1443-CCV1	3-Nitroaniline	ug/mL	37.0	30.0	**123**	80	120	E900324849.D
SA50022	S5A1443-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	58.4	30.0	**195**	80	120	E900324849.D
SA50022	S5A1443-CCV1	4-Nitroaniline	ug/mL	38.2	30.0	**127**	80	120	E900324849.D
SA50022	S5A1443-CCV1	4-Nitrophenol	ug/mL	42.1	30.0	**140**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Benzidine	ug/mL	42.5	30.0	**142**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Benzoic acid	ug/mL	47.9	30.0	**160**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Pentachlorophenol	ug/mL	52.0	30.0	**173**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Pyridine	ug/mL	41.5	30.0	**138**	80	120	E900324849.D
SA50022	S5A1443-CCV1	Parathion	ug/mL	42.8	30.0	**143**	80	120	E900324849.D
SA50022	S5A1605-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	40.6	30.0	**135**	80	120	E900324880.D
SA50022	S5A1605-CCV1	2,4-Dinitrophenol	ug/mL	56.8	30.0	**189**	80	120	E900324880.D
SA50022	S5A1605-CCV1	2,4-Dinitrotoluene	ug/mL	36.7	30.0	**122**	80	120	E900324880.D
SA50022	S5A1605-CCV1	2-Nitrophenol	ug/mL	37.2	30.0	**124**	80	120	E900324880.D
SA50022	S5A1605-CCV1	3,3-Dichlorobenzidine	ug/mL	37.2	30.0	**124**	80	120	E900324880.D
SA50022	S5A1605-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	51.7	30.0	**172**	80	120	E900324880.D
SA50022	S5A1605-CCV1	4-Nitroaniline	ug/mL	37.1	30.0	**124**	80	120	E900324880.D
SA50022	S5A1605-CCV1	4-Nitrophenol	ug/mL	41.4	30.0	**138**	80	120	E900324880.D
SA50022	S5A1605-CCV1	Benzidine	ug/mL	45.1	30.0	**150**	80	120	E900324880.D
SA50022	S5A1605-CCV1	Benzoic acid	ug/mL	42.6	30.0	**142**	80	120	E900324880.D

SA50022	S5A1605-CCV1	Pentachlorophenol	ug/mL	50.7	30.0	**169**	80	120	E900324880.D
SA50022	S5A1605-CCV1	Pyridine	ug/mL	41.2	30.0	**137**	80	120	E900324880.D
SA50022	S5A1605-CCV1	Parathion	ug/mL	39.2	30.0	**131**	80	120	E900324880.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50022	S5A1443	BA50757-BS1	LCS		E900324855.D

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50757	S5A1443	MSBNA9	BA50757-BLK1	E900324854.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50022	5A1443	BA50757-BS1	LCS	E900324855.D

EPA 8270E

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA 8270E	BA50822	SB006 (0-2 IN)	25A0590-01	2
	EPA 8270E	BA50822	SB006 (2 IN -24 IN)	25A0590-02	2
	EPA 8270E	BA50822	SB006 (6- 8 FT)	25A0590-03	2
	EPA 8270E	BA50822	SB007 (0-2IN)	25A0590-04	2
	EPA 8270E	BA50822	SB007 (2IN -24IN)	25A0590-05	2
	EPA 8270E	BA50757	SB007 (6-8FT)	25A0590-06	2
	EPA 8270E	BA50757	UICO11	25A0590-07	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50022	SB006 (0-2 IN)	25A0590-01	SURR: 2,4,6-Tribromophenol	**121**	19 - 110

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SI40026

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SI40026	S4I1839	S4I1839	Secondary Cal Check	S4I1839-SCV1	BNA#2	E20021711.D
SI40026	S4I1839	S4I1839	Secondary Cal Check	S4I1839-SCV2	BNA#2	E20021712.D
SI40026	S5A1530	S5A1530	Calibration Check	S5A1530-CCV1	BNA#2	E20023514.D
SI40026	BA50757	S5A1530	SB007 (6-8FT)	25A0590-06	BNA#2	E20023531.D
SI40026	BA50757	S5A1530	UICO11	25A0590-07	BNA#2	E20023532.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SI40026	BNA#2	9/17/2024 12:45:08 AM	E20021701.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
2,4-Dinitrophenol	**10.67**	20	**0.0049**	0.05				Avg
4,6-Dinitro-2-methylphenol	**27.18**	20						Avg
Benzidine	**26.15**	20						Avg
Benzoic acid	**36.71**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4I1839-SCV1		E20021711.D
Secondary Cal Check	S4I1839-SCV2		E20021712.D
Calibration Check	S5A1530-CCV1		E20023514.D
SB007 (6-8FT)	25A0590-06		E20023531.D
UICO11	25A0590-07		E20023532.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SI40026	S4I1839-SCV2	1,2,4,5-Tetrachlorobenzene	30.0	16.6	**55.4**	70 - 130
SI40026	S4I1839-SCV1	2,4-Dimethylphenol	30.0	20.8	**69.3**	70 - 130
SI40026	S4I1839-SCV2	3,3-Dichlorobenzidine	30.0	15.5	**51.7**	70 - 130
SI40026	S4I1839-SCV1	4,6-Dinitro-2-methylphenol	30.0	40.0	**133**	70 - 130
SI40026	S4I1839-SCV2	Acetophenone	30.0	19.0	**63.4**	70 - 130
SI40026	S4I1839-SCV2	Atrazine	30.0	17.0	**56.7**	70 - 130
SI40026	S4I1839-SCV2	Benzaldehyde	30.0	17.9	**59.6**	70 - 130
SI40026	S4I1839-SCV2	Benzidine	30.0	19.3	**64.3**	70 - 130
SI40026	S4I1839-SCV2	Caprolactam	30.0	19.6	**65.5**	70 - 130
SI40026	S4I1839-SCV1	Hexachlorocyclopentadiene	30.0	14.0	**46.6**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1530-CCV1	Calibration Check	E20023514.D
25A0590-06	SB007 (6-8FT)	E20023531.D
25A0590-07	UICO11	E20023532.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SI40026	S5A1530	S5A1530-CCV1	E20023514.D	01/15/25 08:50

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SI40026	S5A1530-CCV1	2,4-Dinitrophenol	ug/mL	40.0	30.0	**133**	80	120	E20023514.D
SI40026	S5A1530-CCV1	4-Nitrophenol	ug/mL	20.6	30.0	**68.6**	80	120	E20023514.D
SI40026	S5A1530-CCV1	Alpha Terpineol	ug/mL	23.6	30.0	**78.7**	80	120	E20023514.D
SI40026	S5A1530-CCV1	Aniline	ug/mL	20.3	30.0	**67.7**	80	120	E20023514.D
SI40026	S5A1530-CCV1	Benzoic acid	ug/mL	6.02	30.0	**20.1**	80	120	E20023514.D
SI40026	S5A1530-CCV1	Bis(2-chloroisopropyl)ether	ug/mL	18.2	30.0	**60.6**	80	120	E20023514.D
SI40026	S5A1530-CCV1	Hexachlorocyclopentadiene	ug/mL	15.1	30.0	**50.4**	80	120	E20023514.D
SI40026	S5A1530-CCV1	N-Nitrosodimethylamine	ug/mL	16.8	30.0	**56.1**	80	120	E20023514.D
SI40026	S5A1530-CCV1	N-nitroso-di-n-propylamine	ug/mL	22.7	30.0	**75.5**	80	120	E20023514.D
SI40026	S5A1530-CCV1	Pentachlorophenol	ug/mL	21.1	30.0	**70.2**	80	120	E20023514.D
SI40026	S5A1530-CCV1	Pyridine	ug/mL	18.8	30.0	**62.8**	80	120	E20023514.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SI40026	S5A1530	25A0590-06	SB007 (6-8FT)		E20023531.D
SI40026	S5A1530	25A0590-07	UICO11		E20023532.D

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

EPA 8270E

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270E	BA50822	SB006 (0-2 IN)	25A0590-01	2
EPA 8270E	BA50822	SB006 (2 IN -24 IN)	25A0590-02	2
EPA 8270E	BA50822	SB006 (6- 8 FT)	25A0590-03	2
EPA 8270E	BA50822	SB007 (0-2IN)	25A0590-04	2
EPA 8270E	BA50822	SB007 (2IN -24IN)	25A0590-05	2
EPA 8270E	BA50757	SB007 (6-8FT)	25A0590-06	2
EPA 8270E	BA50757	UICO11	25A0590-07	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270D SIM SIM Analysis

SVOA, 8270 SIM MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40012

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40012	S4K0820	S4K0820	Secondary Cal Check	S4K0820-SCV1	BNA #5	SV501381.D
SK40012	S4K0820	S4K0820	Secondary Cal Check	S4K0820-SCV2	BNA #5	SV501382.D
SK40012	S5A1606	S5A1606	Calibration Check	S5A1606-CCV1	BNA #5	SV501439.D
SK40012	BA50763	S5A1606	Blank	BA50763-BLK2	BNA #5	SV501440.D
SK40012	BA50763	S5A1606	LCS	BA50763-BS2	BNA #5	SV501441.D
SK40012	BA50763	S5A1606	MW001	25A0590-08	BNA #5	SV501450.D
SK40012	BA50763	S5A1606	MW002	25A0590-09	BNA #5	SV501451.D
SK40012	BA50763	S5A1606	MW003	25A0590-10	BNA #5	SV501452.D
SK40012	BA50763	S5A1606	MW004	25A0590-11	BNA #5	SV501453.D
SK40012	BA50763	S5A1606	MW00X	25A0590-12	BNA #5	SV501454.D
SK40012	BA50763	S5A1606	Equipment Blank 1/9/25	25A0590-13	BNA #5	SV501455.D
SK40012	BA50763	S5A1606	Field Blank 1/9/25	25A0590-14	BNA #5	SV501456.D
SK40012	S5A1634	S5A1634	Calibration Check	S5A1634-CCV1	BNA #5	SV501459.D
SK40012	BA50763	S5A1634	Field Blank 1/9/25	25A0590-14RE1	BNA #5	SV501461.D

Initial calibration for EPA 8270D SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270D SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D SIM

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SK40012	S4K0820-SCV1	Nitrobenzene	1.00	0.460	**46.0**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1606-CCV1	Calibration Check	SV501439.D
BA50763-BLK2	Blank	SV501440.D
BA50763-BS2	LCS	SV501441.D
25A0590-08	MW001	SV501450.D
25A0590-09	MW002	SV501451.D
25A0590-10	MW003	SV501452.D
25A0590-11	MW004	SV501453.D
25A0590-12	MW00X	SV501454.D
25A0590-13	Equipment Blank 1/9/25	SV501455.D
25A0590-14	Field Blank 1/9/25	SV501456.D
S5A1634-CCV1	Calibration Check	SV501459.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40012	S5A1606	S5A1606-CCV1	SV501439.D	01/15/25 08:54
SK40012	S5A1634	S5A1634-CCV1	SV501459.D	01/16/25 13:20

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SK40012	S5A1606-CCV1	Nitrobenzene	ug/mL	1.02	2.50	**40.8**	70	130	SV501439.D
SK40012	S5A1606-CCV1	N-Nitrosodimethylamine	ug/mL	1.68	2.50	**67.2**	70	130	SV501439.D
SK40012	S5A1606-CCV1	Pentachlorophenol	ug/mL	0.220	1.50	**14.7**	70	130	SV501439.D
SK40012	S5A1634-CCV1	Nitrobenzene	ug/mL	1.15	2.50	**46**	70	130	SV501459.D
SK40012	S5A1634-CCV1	Pentachlorophenol	ug/mL	0.340	1.50	**22.7**	70	130	SV501459.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SK40012	S5A1606	BA50763-BLK2	Blank		SV501440.D
SK40012	S5A1606	BA50763-BS2	LCS		SV501441.D
SK40012	S5A1606	25A0590-08	MW001		SV501450.D
SK40012	S5A1606	25A0590-09	MW002		SV501451.D
SK40012	S5A1606	25A0590-10	MW003		SV501452.D
SK40012	S5A1606	25A0590-11	MW004		SV501453.D
SK40012	S5A1606	25A0590-12	MW00X		SV501454.D
SK40012	S5A1606	25A0590-13	Equipment Blank 1/9/		SV501455.D
SK40012	S5A1606	25A0590-14	Field Blank 1/9/25		SV501456.D

York Analytical Work Order Narrative

EPA 8270D SIM SIM Analysis

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50763	S5A1606	BNA #5	BA50763-BLK2	SV501440.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40012	5A1606	BA50763-BS2	LCS	SV501441.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1606	LCS	BA50763-BS2	Hexachloroethane		**0**		18 - 115	
S5A1606	LCS	BA50763-BS2	N-Nitrosodimethylamine		**0**		10 - 124	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50763	25A0590-08	MW001	
BA50763	25A0590-09	MW002	
BA50763	25A0590-10	MW003	
BA50763	25A0590-11	MW004	
BA50763	25A0590-12	MW00X	
BA50763	25A0590-13	Equipment Blank 1/9	
BA50763	25A0590-14	Field Blank 1/9/25	
BA50763	BA50763-BLK2	Blank	

EPA 8270D SIM SIM Analysis

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA 8270D SIM	BA50763	Field Blank 1/9/25	25A0590-14RE1	5

EPA 8270D SIM SIM Analysis

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270E SIM

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

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40038

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40038	S4K2410	S4K2410	Secondary Cal Check	S4K2410-SCV1	MSBNA8	E800080355.D
SK40038	S5A1463	S5A1463	Calibration Check	S5A1463-CCV1	MSBNA8	E800081414.D
SK40038	BA50761	S5A1463	Blank	BA50761-BLK1	MSBNA8	E800081415.D
SK40038	BA50761	S5A1463	LCS	BA50761-BS1	MSBNA8	E800081416.D
SK40038	BA50761	S5A1463	MW00X	25A0590-12	MSBNA8	E800081422.D
SK40038	BA50761	S5A1463	Equipment Blank 1/9/25	25A0590-13	MSBNA8	E800081423.D
SK40038	BA50761	S5A1463	Field Blank 1/9/25	25A0590-14	MSBNA8	E800081424.D
SK40038	S5A1463	S5A1463	Calibration Check	S5A1463-CCV2	MSBNA8	E800081427.D
SK40038	S5A1644	S5A1644	Calibration Check	S5A1644-CCV1	MSBNA8	E800081481.D
SK40038	BA50858	S5A1644	Blank	BA50858-BLK1	MSBNA8	E800081497.D
SK40038	S5A1644	S5A1644	Calibration Check	S5A1644-CCV3	MSBNA8	E800081498.D
SK40038	BA50858	S5A1644	LCS	BA50858-BS1	MSBNA8	E800081499.D
SK40038	BA50858	S5A1644	MW004MS1	BA50858-MS1	MSBNA8	E800081500.D
SK40038	BA50858	S5A1644	MW004MSD1	BA50858-MSD1	MSBNA8	E800081501.D
SK40038	BA50858	S5A1644	MW001	25A0590-08	MSBNA8	E800081505.D
SK40038	BA50858	S5A1644	MW002	25A0590-09	MSBNA8	E800081506.D
SK40038	BA50858	S5A1644	MW003	25A0590-10	MSBNA8	E800081507.D
SK40038	BA50858	S5A1644	MW004	25A0590-11	MSBNA8	E800081508.D
SK40038	S5A1644	S5A1644	Calibration Check	S5A1644-CCV4	MSBNA8	E800081509.D

Initial calibration for EPA 8270E SIM met method guidelines.

York Analytical Work Order Narrative

EPA 8270E SIM

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E SIM
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40038	S5A1463	S5A1463-CCV1	E800081414.D	01/14/25 11:52
SK40038	S5A1463	S5A1463-CCV2	E800081427.D	01/14/25 16:29
SK40038	S5A1644	S5A1644-CCV1	E800081481.D	01/16/25 12:08
SK40038	S5A1644	S5A1644-CCV3	E800081498.D	01/16/25 17:08
SK40038	S5A1644	S5A1644-CCV4	E800081509.D	01/16/25 20:09

The continuing calibration verification recovered within method limits.

EPA 8270E SIM

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50761	S5A1463	MSBNA8	BA50761-BLK1	E800081415.D
SVOA	BA50858	S5A1644	MSBNA8	BA50858-BLK1	E800081497.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40038	5A1463	BA50761-BS1	LCS	E800081416.D
SK40038	5A1644	BA50858-BS1	LCS	E800081499.D

EPA 8270E SIM

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SK40038**	BA50858	S5A1644	MW004MS1	25A0590-11	MW004	BA50858-MS1
SVOA	**SK40038**	BA50858	S5A1644	MW004MSD1	25A0590-11	MW004	BA50858-MSD1

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8270E SIM

Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues: No issues were encountered.

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BA50761	MSBNA8	**SK40038**	LCS	BA50761-BS1	1,2-Dichlorobenzene-d4	48	0.0000
BA50761	MSBNA8	**SK40038**	Blank	BA50761-BLK1	1,2-Dichlorobenzene-d4	47	0.0000

4.0 Analysis Issues

EPA 8270D

SVOA, 8270 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40036

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV1	BNA #7	E70357504.D
SL40036	S4L1716	S4L1716	Secondary Cal Check	S4L1716-SCV2	BNA #7	E70357505.D
SL40036	S5A1619	S5A1619	Calibration Check	S5A1619-CCV1	BNA #7	E70358002.D
SL40036	BA50763	S5A1619	Blank	BA50763-BLK1	BNA #7	E70358003.D
SL40036	BA50763	S5A1619	LCS	BA50763-BS1	BNA #7	E70358004.D
SL40036	BA50763	S5A1619	MW004MS1	BA50763-MS1	BNA #7	E70358005.D
SL40036	BA50763	S5A1619	MW004MSD1	BA50763-MSD1	BNA #7	E70358006.D
SL40036	BA50763	S5A1619	MW001	25A0590-08	BNA #7	E70358015.D
SL40036	BA50763	S5A1619	MW002	25A0590-09	BNA #7	E70358016.D
SL40036	BA50763	S5A1619	MW003	25A0590-10	BNA #7	E70358017.D
SL40036	BA50763	S5A1619	MW004	25A0590-11	BNA #7	E70358018.D
SL40036	BA50763	S5A1619	MW00X	25A0590-12	BNA #7	E70358019.D
SL40036	BA50763	S5A1619	Equipment Blank 1/9/25	25A0590-13	BNA #7	E70358020.D
SL40036	BA50763	S5A1619	Field Blank 1/9/25	25A0590-14	BNA #7	E70358021.D

4.0 Analysis Issues

Initial calibration for ***EPA 8270D*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SL40036	BNA #7	12/13/2024 12:40:46 AM	E70357450.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2,4,5-Tetrachlorobenzene	**37.00**	20						Avg
2,4-Dinitrophenol	**44.99**	20						Avg
3,3-Dichlorobenzidine	**37.15**	20						Avg
4,6-Dinitro-2-methylphenol	**39.44**	20						Avg
Acetophenone	**30.55**	20						Avg
Benzaldehyde	**28.65**	20						Avg
Caprolactam	**26.92**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1716-SCV1		E70357504.D
Secondary Cal Check	S4L1716-SCV2		E70357505.D
Calibration Check	S5A1619-CCV1		E70358002.D
Blank	BA50763-BLK1		E70358003.D
LCS	BA50763-BS1		E70358004.D
Matrix Spike	BA50763-MS1	MW004	E70358005.D
Matrix Spike Dup	BA50763-MSD1	MW004	E70358006.D
MW001	25A0590-08		E70358015.D
MW002	25A0590-09		E70358016.D
MW003	25A0590-10		E70358017.D
MW004	25A0590-11		E70358018.D
MW00X	25A0590-12		E70358019.D
Equipment Blank 1/9/25	25A0590-13		E70358020.D
Field Blank 1/9/25	25A0590-14		E70358021.D

York Analytical Work Order Narrative

EPA 8270D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40036	S4L1716-SCV1	2,3,4,6-Tetrachlorophenol	30.0	40.6	**135**	70 - 130
SL40036	S4L1716-SCV1	4,6-Dinitro-2-methylphenol	30.0	48.3	**161**	70 - 130
SL40036	S4L1716-SCV1	N-nitroso-di-n-propylamine	30.0	39.8	**133**	70 - 130
SL40036	S4L1716-SCV1	N-Nitrosodiphenylamine	30.0	40.2	**134**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1619-CCV1	Calibration Check	E70358002.D
BA50763-BS1	LCS	E70358004.D
BA50763-MS1	Matrix Spike	E70358005.D
BA50763-MSD1	Matrix Spike Dup	E70358006.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40036	S5A1619	S5A1619-CCV1	E70358002.D	01/15/25 09:28

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40036	S5A1619-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	49.2	30.0	**164**	80	120	E70358002.D
SL40036	S5A1619-CCV1	2,4-Dinitrophenol	ug/mL	54.9	30.0	**183**	80	120	E70358002.D
SL40036	S5A1619-CCV1	3-Nitroaniline	ug/mL	40.2	30.0	**134**	80	120	E70358002.D
SL40036	S5A1619-CCV1	4,6-Dinitro-2-methylphenol	ug/mL	44.3	30.0	**148**	80	120	E70358002.D
SL40036	S5A1619-CCV1	4-Nitrophenol	ug/mL	44.0	30.0	**147**	80	120	E70358002.D
SL40036	S5A1619-CCV1	Benzyl butyl phthalate	ug/mL	40.5	30.0	**135**	80	120	E70358002.D
SL40036	S5A1619-CCV1	Di-n-octyl phthalate	ug/mL	37.5	30.0	**125**	80	120	E70358002.D
SL40036	S5A1619-CCV1	N-nitroso-di-n-propylamine	ug/mL	45.4	30.0	**151**	80	120	E70358002.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40036	S5A1619	BA50763-BS1	LCS		E70358004.D
SL40036	S5A1619	BA50763-MS1	Matrix Spike	MW004	E70358005.D
SL40036	S5A1619	BA50763-MSD1	Matrix Spike Dup	MW004	E70358006.D

York Analytical Work Order Narrative

EPA 8270D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50763	S5A1619	BNA #7	BA50763-BLK1	E70358003.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40036	5A1619	BA50763-BS1	LCS	E70358004.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1619	LCS	BA50763-BS1	2,3,4,6-Tetrachlorophenol		**135**		30 - 130	
S5A1619	LCS	BA50763-BS1	4-Nitrophenol		**0**		10 - 131	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50763	25A0590-08	MW001	
BA50763	25A0590-09	MW002	
BA50763	25A0590-10	MW003	
BA50763	25A0590-11	MW004	
BA50763	25A0590-12	MW00X	
BA50763	25A0590-13	Equipment Blank 1/9	
BA50763	25A0590-14	Field Blank 1/9/25	
BA50763	BA50763-BLK1	Blank	
BA50763	BA50763-MS1	Matrix Spike	MW004
BA50763	BA50763-MSD1	Matrix Spike Dup	MW004

York Analytical Work Order Narrative

EPA 8270D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SL40036**	BA50763	S5A1619	MW004MS1	25A0590-11	MW004	BA50763-MS1
SVOA	**SL40036**	BA50763	S5A1619	MW004MSD1	25A0590-11	MW004	BA50763-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1619	MW004	BA50763-MS1	4-Nitrophenol	ug/L		0		10 - 82	
S5A1619	MW004	BA50763-MS1	Caprolactam	ug/L		0		10 - 75	
S5A1619	MW004	BA50763-MSD1	2,4-Dinitrophenol	ug/L	102	154	41.1	10 - 146	25
S5A1619	MW004	BA50763-MSD1	4-Nitrophenol	ug/L		0		10 - 82	25

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	2,4,5-Trichlorophenol	29.6	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	2,4,6-Trichlorophenol	32.1	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	2,4-Dinitrophenol	41.1	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	2,4-Dinitrotoluene	33.5	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	2,6-Dinitrotoluene	29.6	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	3-Nitroaniline	39.6	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	4,6-Dinitro-2-methylphenol	48.1	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	4-Bromophenyl phenyl ether	55.3	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	4-Chloroaniline	53.9	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	4-Chlorophenyl phenyl ether	29.6	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	4-Nitroaniline	38.2	25	
S5A1619	MW004MSD1	25A0590-11	BA50763-MSD1	N-Nitrosodiphenylamine	39.9	25	

Dilutions: No sample dilutions were required.

EPA 8270D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 8270E

SVOA, 8270 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SL40038

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SL40038	S4L1938	S4L1938	Secondary Cal Check	S4L1938-SCV1	BNA#6	SV64900.D
SL40038	S4L1938	S4L1938	Secondary Cal Check	S4L1938-SCV2	BNA#6	SV64901.D
SL40038	S5A1525	S5A1525	Calibration Check	S5A1525-CCV1	BNA#6	SV65289.D
SL40038	BA50822	S5A1525	Blank	BA50822-BLK1	BNA#6	SV65303.D
SL40038	BA50822	S5A1525	LCS	BA50822-BS1	BNA#6	SV65304.D
SL40038	BA50757	S5A1525	SB007 (6-8FT)MS1	BA50757-MS1	BNA#6	SV65307.D
SL40038	BA50757	S5A1525	SB007 (6-8FT)MSD1	BA50757-MSD1	BNA#6	SV65308.D

Initial calibration for EPA 8270E exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SL40038	BNA#6	12/13/2024 12:14:40 AM	SV64890.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
Bis(2-chloroethoxy)methane	**27.16**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S4L1938-SCV1		SV64900.D
Calibration Check	S5A1525-CCV1		SV65289.D
Blank	BA50822-BLK1		SV65303.D
LCS	BA50822-BS1		SV65304.D
Matrix Spike	BA50757-MS1	SB007 (6-8FT)	SV65307.D
Matrix Spike Dup	BA50757-MSD1	SB007 (6-8FT)	SV65308.D

York Analytical Work Order Narrative

EPA 8270E

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8270E

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SL40038	S4L1938-SCV2	3,3-Dichlorobenzidine	30.0	65.6	**219**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1525-CCV1	Calibration Check	SV65289.D
BA50822-BS1	LCS	SV65304.D
BA50757-MS1	Matrix Spike	SV65307.D
BA50757-MSD1	Matrix Spike Dup	SV65308.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SL40038	S5A1525	S5A1525-CCV1	SV65289.D	01/15/25 10:15

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SL40038	S5A1525-CCV1	1,2,4-Trichlorobenzene	ug/mL	19.6	30.0	**65.3**	80	120	SV65289.D
SL40038	S5A1525-CCV1	2,3,4,6-Tetrachlorophenol	ug/mL	38.0	30.0	**127**	80	120	SV65289.D
SL40038	S5A1525-CCV1	2-Nitroaniline	ug/mL	36.4	30.0	**121**	80	120	SV65289.D
SL40038	S5A1525-CCV1	3,3-Dichlorobenzidine	ug/mL	56.0	30.0	**187**	80	120	SV65289.D
SL40038	S5A1525-CCV1	3-Nitroaniline	ug/mL	36.4	30.0	**121**	80	120	SV65289.D
SL40038	S5A1525-CCV1	4-Nitrophenol	ug/mL	2.11	30.0	**7.03**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Benzoic acid	ug/mL	19.4	30.0	**64.6**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Benzyl butyl phthalate	ug/mL	39.9	30.0	**133**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Bis(2-ethylhexyl)phthalate	ug/mL	38.3	30.0	**128**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Di-n-butyl phthalate	ug/mL	38.1	30.0	**127**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Di-n-octyl phthalate	ug/mL	40.6	30.0	**135**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Hexachlorobenzene	ug/mL	40.4	30.0	**135**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Hexachlorobutadiene	ug/mL	20.2	30.0	**67.4**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Indeno(1,2,3-cd)pyrene	ug/mL	39.0	30.0	**130**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Isophorone	ug/mL	23.6	30.0	**78.8**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Nitrobenzene	ug/mL	22.2	30.0	**74**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Pentachlorophenol	ug/mL	20.1	30.0	**67**	80	120	SV65289.D
SL40038	S5A1525-CCV1	Parathion	ug/mL	36.3	30.0	**121**	80	120	SV65289.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SL40038	S5A1525	BA50822-BLK1	Blank		SV65303.D
SL40038	S5A1525	BA50822-BS1	LCS		SV65304.D
SL40038	S5A1525	BA50757-MS1	Matrix Spike	SB007 (6-8FT)	SV65307.D
SL40038	S5A1525	BA50757-MSD1	Matrix Spike Dup	SB007 (6-8FT)	SV65308.D

York Analytical Work Order Narrative

EPA 8270E

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
SVOA	BA50822	S5A1525	BNA#6	BA50822-BLK1	SV65303.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SL40038	5A1525	BA50822-BS1	LCS	SV65304.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1525	LCS	BA50822-BS1	2,4-Dinitrophenol		**0**		10 - 171	
S5A1525	LCS	BA50822-BS1	4,6-Dinitro-2-methylphenol		**7.48**		10 - 143	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50757	BA50757-MS1	Matrix Spike	SB007 (6-8FT)
BA50757	BA50757-MSD1	Matrix Spike Dup	SB007 (6-8FT)
BA50822	BA50822-BLK1	Blank	

York Analytical Work Order Narrative

EPA 8270E

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
SVOA	**SL40038**	BA50757	S5A1525	SB007 (6-8FT)MS1	25A0590-06	SB007 (6-8FT)	BA50757-MS1
SVOA	**SL40038**	BA50757	S5A1525	SB007 (6-8FT)MSD1	25A0590-06	SB007 (6-8FT)	BA50757-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1525	SB007 (6-8FT)	BA50757-MS1	2,4-Dinitrophenol	mg/kg dry		0		10 - 171	
S5A1525	SB007 (6-8FT)	BA50757-MS1	4,6-Dinitro-2-methylphenol	mg/kg dry		0		10 - 155	
S5A1525	SB007 (6-8FT)	BA50757-MSD1	2,4-Dinitrophenol	mg/kg dry		0		10 - 171	30
S5A1525	SB007 (6-8FT)	BA50757-MSD1	4,6-Dinitro-2-methylphenol	mg/kg dry		0		10 - 155	30
S5A1525	SB007 (6-8FT)	BA50757-MSD1	Aniline	mg/kg dry	24.7	0		10 - 123	30
S5A1525	SB007 (6-8FT)	BA50757-MSD1	Benzoic acid	mg/kg dry	109	6.8	176	10 - 166	30

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1525	SB007 (6-8FT)MSD1	25A0590-06	BA50757-MSD1	2,4-Dinitrotoluene	34.7	30	
S5A1525	SB007 (6-8FT)MSD1	25A0590-06	BA50757-MSD1	4-Chloroaniline	31.5	30	
S5A1525	SB007 (6-8FT)MSD1	25A0590-06	BA50757-MSD1	Benzo(a)pyrene	30.1	30	
S5A1525	SB007 (6-8FT)MSD1	25A0590-06	BA50757-MSD1	Benzoic acid	176	30	J
S5A1525	SB007 (6-8FT)MSD1	25A0590-06	BA50757-MSD1	Bis(2-chloroethyl)ether	116	30	
S5A1525	SB007 (6-8FT)MSD1	25A0590-06	BA50757-MSD1	Hexachlorobenzene	33.7	30	
S5A1525	SB007 (6-8FT)MSD1	25A0590-06	BA50757-MSD1	N-Nitrosodiphenylamine	33.5	30	

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8270E	BA50822	SB006 (0-2 IN)	25A0590-01	2
EPA 8270E	BA50822	SB006 (2 IN -24 IN)	25A0590-02	2
EPA 8270E	BA50822	SB006 (6- 8 FT)	25A0590-03	2
EPA 8270E	BA50822	SB007 (0-2IN)	25A0590-04	2
EPA 8270E	BA50822	SB007 (2IN -24IN)	25A0590-05	2
EPA 8270E	BA50757	SB007 (6-8FT)	25A0590-06	2
EPA 8270E	BA50757	UICO11	25A0590-07	2

EPA 8270E

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 1633 Draft 3

PFAS, EPA 1633 Target List

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50002

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50002	S5A0306	S5A0306	Secondary Cal Check	S5A0306-SCV1	LCQQQ	QQQ48613.d
SA50002	S5A1460	S5A1460	Low Cal Check	S5A1460-LCV1	LCQQQ	QQQ48915.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV1	LCQQQ	QQQ48916.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB1	LCQQQ	QQQ48919.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV2	LCQQQ	QQQ48934.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB2	LCQQQ	QQQ48935.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV3	LCQQQ	QQQ48948.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB3	LCQQQ	QQQ48949.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV4	LCQQQ	QQQ48960.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB4	LCQQQ	QQQ48961.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV5	LCQQQ	QQQ48970.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB5	LCQQQ	QQQ48971.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV6	LCQQQ	QQQ48988.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB6	LCQQQ	QQQ48989.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV7	LCQQQ	QQQ49004.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB7	LCQQQ	QQQ49005.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV8	LCQQQ	QQQ49014.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB8	LCQQQ	QQQ49017.d
SA50002	BA50704	S5A1460	Blank	BA50704-BLK1	LCQQQ	QQQ49018.d
SA50002	BA50704	S5A1460	Blank	BA50704-BLK2	LCQQQ	QQQ49019.d
SA50002	BA50704	S5A1460	LCS	BA50704-BS1	LCQQQ	QQQ49020.d
SA50002	BA50704	S5A1460	LCS	BA50704-BS2	LCQQQ	QQQ49021.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCV9	LCQQQ	QQQ49032.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCB9	LCQQQ	QQQ49033.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVA	LCQQQ	QQQ49040.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBA	LCQQQ	QQQ49041.d
SA50002	BA50704	S5A1460	MW001	25A0590-08	LCQQQ	QQQ49042.d
SA50002	BA50704	S5A1460	MW002	25A0590-09	LCQQQ	QQQ49043.d
SA50002	BA50704	S5A1460	MW003	25A0590-10	LCQQQ	QQQ49044.d
SA50002	BA50704	S5A1460	MW004	25A0590-11	LCQQQ	QQQ49045.d
SA50002	BA50704	S5A1460	MW004MS1	BA50704-MS1	LCQQQ	QQQ49046.d
SA50002	BA50704	S5A1460	MW004MSD1	BA50704-MSD1	LCQQQ	QQQ49047.d
SA50002	BA50704	S5A1460	MW00X	25A0590-12	LCQQQ	QQQ49048.d
SA50002	BA50704	S5A1460	Equipment Blank 1/9/25	25A0590-13	LCQQQ	QQQ49049.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVB	LCQQQ	QQQ49050.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBB	LCQQQ	QQQ49051.d
SA50002	BA50775	S5A1460	Blank	BA50775-BLK1	LCQQQ	QQQ49052.d

4.0 Analysis Issues

SA50002	BA50775	S5A1460	LCS	BA50775-BS1	LCQQQ	QQQ49053.d
SA50002	BA50775	S5A1460	LCS	BA50775-BS2	LCQQQ	QQQ49054.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVC	LCQQQ	QQQ49064.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBC	LCQQQ	QQQ49065.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVD	LCQQQ	QQQ49075.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBD	LCQQQ	QQQ49076.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVE	LCQQQ	QQQ49084.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBE	LCQQQ	QQQ49085.d
SA50002	BA50775	S5A1460	SB006 (0-2 IN)	25A0590-01	LCQQQ	QQQ49086.d
SA50002	BA50775	S5A1460	SB006 (2 IN -24 IN)	25A0590-02	LCQQQ	QQQ49087.d
SA50002	BA50775	S5A1460	SB006 (6- 8 FT)	25A0590-03	LCQQQ	QQQ49088.d
SA50002	BA50775	S5A1460	SB007 (0-2IN)	25A0590-04	LCQQQ	QQQ49089.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVF	LCQQQ	QQQ49096.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBF	LCQQQ	QQQ49097.d
SA50002	BA50815	S5A1460	Blank	BA50815-BLK1	LCQQQ	QQQ49098.d
SA50002	BA50815	S5A1460	LCS	BA50815-BS1	LCQQQ	QQQ49099.d
SA50002	BA50815	S5A1460	LCS	BA50815-BS2	LCQQQ	QQQ49100.d
SA50002	BA50815	S5A1460	Field Blank 1/9/25	25A0590-14	LCQQQ	QQQ49109.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVG	LCQQQ	QQQ49111.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBG	LCQQQ	QQQ49112.d
SA50002	S5A1460	S5A1460	Calibration Check	S5A1460-CCVH	LCQQQ	QQQ49123.d
SA50002	S5A1460	S5A1460	Calibration Blank	S5A1460-CCBH	LCQQQ	QQQ49124.d
SA50002	S5A1724	S5A1724	Low Cal Check	S5A1724-LCV1	LCQQQ	QQQ49127.d
SA50002	S5A1724	S5A1724	Calibration Check	S5A1724-CCV1	LCQQQ	QQQ49128.d
SA50002	S5A1724	S5A1724	Calibration Blank	S5A1724-CCB1	LCQQQ	QQQ49131.d
SA50002	S5A1724	S5A1724	Calibration Check	S5A1724-CCV2	LCQQQ	QQQ49144.d
SA50002	S5A1724	S5A1724	Calibration Blank	S5A1724-CCB2	LCQQQ	QQQ49145.d
SA50002	BA50941	S5A1724	Blank	BA50941-BLK1	LCQQQ	QQQ49146.d
SA50002	BA50941	S5A1724	LCS	BA50941-BS1	LCQQQ	QQQ49147.d
SA50002	BA50941	S5A1724	LCS	BA50941-BS2	LCQQQ	QQQ49148.d
SA50002	BA50941	S5A1724	SB007 (2IN -24IN)	25A0590-05	LCQQQ	QQQ49149.d
SA50002	BA50941	S5A1724	SB007 (2IN -24IN)DUP1	BA50941-DUP1	LCQQQ	QQQ49150.d
SA50002	BA50941	S5A1724	SB007 (6-8FT)	25A0590-06	LCQQQ	QQQ49151.d
SA50002	BA50941	S5A1724	UICO11	25A0590-07	LCQQQ	QQQ49152.d
SA50002	S5A1724	S5A1724	Calibration Check	S5A1724-CCV3	LCQQQ	QQQ49160.d
SA50002	S5A1724	S5A1724	Calibration Blank	S5A1724-CCB3	LCQQQ	QQQ49161.d
SA50002	S5A1724	S5A1724	Calibration Check	S5A1724-CCV4	LCQQQ	QQQ49172.d
SA50002	S5A1724	S5A1724	Calibration Blank	S5A1724-CCB4	LCQQQ	QQQ49173.d
SA50002	S5A2032	S5A2032	Low Cal Check	S5A2032-LCV1	LCQQQ	QQQ49176.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV1	LCQQQ	QQQ49178.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB1	LCQQQ	QQQ49180.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV2	LCQQQ	QQQ49196.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB2	LCQQQ	QQQ49197.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV3	LCQQQ	QQQ49209.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB3	LCQQQ	QQQ49210.d
SA50002	BA51086	S5A2032	Blank	BA51086-BLK1	LCQQQ	QQQ49211.d

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SA50002	BA51086	S5A2032	Blank	BA51086-BLK2	LCQQQ	QQQ49212.d
SA50002	BA51086	S5A2032	LCS	BA51086-BS1	LCQQQ	QQQ49213.d
SA50002	BA51086	S5A2032	LCS	BA51086-BS2	LCQQQ	QQQ49214.d
SA50002	BA51086	S5A2032	MW003	25A0590-10RE1	LCQQQ	QQQ49215.d
SA50002	BA51086	S5A2032	MW004	25A0590-11RE1	LCQQQ	QQQ49216.d
SA50002	BA51086	S5A2032	MW004MS1	BA51086-MS1	LCQQQ	QQQ49217.d
SA50002	BA51086	S5A2032	MW004MSD1	BA51086-MSD1	LCQQQ	QQQ49218.d
SA50002	BA51086	S5A2032	MW00X	25A0590-12RE1	LCQQQ	QQQ49219.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV4	LCQQQ	QQQ49225.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB4	LCQQQ	QQQ49226.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV5	LCQQQ	QQQ49237.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB5	LCQQQ	QQQ49238.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV6	LCQQQ	QQQ49249.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB6	LCQQQ	QQQ49250.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV7	LCQQQ	QQQ49257.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB7	LCQQQ	QQQ49258.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV8	LCQQQ	QQQ49274.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB8	LCQQQ	QQQ49275.d
SA50002	S5A2032	S5A2032	Calibration Check	S5A2032-CCV9	LCQQQ	QQQ49284.d
SA50002	S5A2032	S5A2032	Calibration Blank	S5A2032-CCB9	LCQQQ	QQQ49285.d

4.0 Analysis Issues

Initial calibration for EPA 1633 Draft 3 exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SA50002	LCQQQ	12/31/2024 8:00:23 AM	QQQ48592.d

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
M2-4:2 FTS	**25.04**	20						Avg
M2-6:2 FTS	**31.17**	20						Avg
M2-8:2 FTS	**27.51**	20						Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S5A0306-SCV1		QQQ48613.d
Low Cal Check	S5A1460-LCV1		QQQ48915.d
Calibration Check	S5A1460-CCV1		QQQ48916.d
Calibration Blank	S5A1460-CCB1		QQQ48919.d
Calibration Check	S5A1460-CCV2		QQQ48934.d
Calibration Blank	S5A1460-CCB2		QQQ48935.d
Calibration Check	S5A1460-CCV3		QQQ48948.d
Calibration Blank	S5A1460-CCB3		QQQ48949.d
Calibration Check	S5A1460-CCV4		QQQ48960.d
Calibration Blank	S5A1460-CCB4		QQQ48961.d
Calibration Check	S5A1460-CCV5		QQQ48970.d
Calibration Blank	S5A1460-CCB5		QQQ48971.d
Calibration Check	S5A1460-CCV6		QQQ48988.d
Calibration Blank	S5A1460-CCB6		QQQ48989.d
Calibration Check	S5A1460-CCV7		QQQ49004.d
Calibration Blank	S5A1460-CCB7		QQQ49005.d
Calibration Check	S5A1460-CCV8		QQQ49014.d
Calibration Blank	S5A1460-CCB8		QQQ49017.d
Blank	BA50704-BLK1		QQQ49018.d
Blank	BA50704-BLK2		QQQ49019.d
LCS	BA50704-BS1		QQQ49020.d
LCS	BA50704-BS2		QQQ49021.d
Calibration Check	S5A1460-CCV9		QQQ49032.d
Calibration Blank	S5A1460-CCB9		QQQ49033.d
Calibration Check	S5A1460-CCVA		QQQ49040.d
Calibration Blank	S5A1460-CCBA		QQQ49041.d
Matrix Spike	BA50704-MS1	MW004	QQQ49046.d
Matrix Spike Dup	BA50704-MSD1	MW004	QQQ49047.d
Calibration Check	S5A1460-CCVB		QQQ49050.d
Calibration Blank	S5A1460-CCBB		QQQ49051.d
Blank	BA50775-BLK1		QQQ49052.d
LCS	BA50775-BS1		QQQ49053.d
LCS	BA50775-BS2		QQQ49054.d
Calibration Check	S5A1460-CCVC		QQQ49064.d
Calibration Blank	S5A1460-CCBC		QQQ49065.d

4.0 Analysis Issues

Calibration Check	S5A1460-CCVD		QQQ49075.d
Calibration Blank	S5A1460-CCBD		QQQ49076.d
Calibration Check	S5A1460-CCVE		QQQ49084.d
Calibration Blank	S5A1460-CCBE		QQQ49085.d
Calibration Check	S5A1460-CCVF		QQQ49096.d
Calibration Blank	S5A1460-CCBF		QQQ49097.d
Blank	BA50815-BLK1		QQQ49098.d
LCS	BA50815-BS1		QQQ49099.d
LCS	BA50815-BS2		QQQ49100.d
Calibration Check	S5A1460-CCVG		QQQ49111.d
Calibration Blank	S5A1460-CCBG		QQQ49112.d
Calibration Check	S5A1460-CCVH		QQQ49123.d
Calibration Blank	S5A1460-CCBH		QQQ49124.d
Low Cal Check	S5A1724-LCV1		QQQ49127.d
Calibration Check	S5A1724-CCV1		QQQ49128.d
Calibration Blank	S5A1724-CCB1		QQQ49131.d
Calibration Check	S5A1724-CCV2		QQQ49144.d
Calibration Blank	S5A1724-CCB2		QQQ49145.d
Blank	BA50941-BLK1		QQQ49146.d
LCS	BA50941-BS1		QQQ49147.d
LCS	BA50941-BS2		QQQ49148.d
Duplicate	BA50941-DUP1	SB007 (2IN -24IN)	QQQ49150.d
Calibration Check	S5A1724-CCV3		QQQ49160.d
Calibration Blank	S5A1724-CCB3		QQQ49161.d
Calibration Check	S5A1724-CCV4		QQQ49172.d
Calibration Blank	S5A1724-CCB4		QQQ49173.d
Low Cal Check	S5A2032-LCV1		QQQ49176.d
Calibration Check	S5A2032-CCV1		QQQ49178.d
Calibration Blank	S5A2032-CCB1		QQQ49180.d
Calibration Check	S5A2032-CCV2		QQQ49196.d
Calibration Blank	S5A2032-CCB2		QQQ49197.d
Calibration Check	S5A2032-CCV3		QQQ49209.d
Calibration Blank	S5A2032-CCB3		QQQ49210.d
Blank	BA51086-BLK1		QQQ49211.d
Blank	BA51086-BLK2		QQQ49212.d
LCS	BA51086-BS1		QQQ49213.d
LCS	BA51086-BS2		QQQ49214.d
Matrix Spike	BA51086-MS1	MW004	QQQ49217.d
Matrix Spike Dup	BA51086-MSD1	MW004	QQQ49218.d
Calibration Check	S5A2032-CCV4		QQQ49225.d
Calibration Blank	S5A2032-CCB4		QQQ49226.d
Calibration Check	S5A2032-CCV5		QQQ49237.d
Calibration Blank	S5A2032-CCB5		QQQ49238.d
Calibration Check	S5A2032-CCV6		QQQ49249.d
Calibration Blank	S5A2032-CCB6		QQQ49250.d
Calibration Check	S5A2032-CCV7		QQQ49257.d

4.0 Analysis Issues

Calibration Blank	S5A2032-CCB7	QQQ49258.d
Calibration Check	S5A2032-CCV8	QQQ49274.d
Calibration Blank	S5A2032-CCB8	QQQ49275.d
Calibration Check	S5A2032-CCV9	QQQ49284.d
Calibration Blank	S5A2032-CCB9	QQQ49285.d

York Analytical Work Order Narrative

EPA 1633 Draft 3

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 1633 Draft 3
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50002	S5A1460	S5A1460-CCV1	QQQ48916.d	01/14/25 12:43
SA50002	S5A1460	S5A1460-CCV2	QQQ48934.d	01/14/25 17:35
SA50002	S5A1460	S5A1460-CCV3	QQQ48948.d	01/14/25 21:20
SA50002	S5A1460	S5A1460-CCV4	QQQ48960.d	01/15/25 00:34
SA50002	S5A1460	S5A1460-CCV5	QQQ48970.d	01/15/25 03:15
SA50002	S5A1460	S5A1460-CCV6	QQQ48988.d	01/15/25 09:42
SA50002	S5A1460	S5A1460-CCV7	QQQ49004.d	01/15/25 13:54
SA50002	S5A1460	S5A1460-CCV8	QQQ49014.d	01/15/25 16:35
SA50002	S5A1460	S5A1460-CCV9	QQQ49032.d	01/15/25 22:13
SA50002	S5A1460	S5A1460-CCVA	QQQ49040.d	01/16/25 07:42
SA50002	S5A1460	S5A1460-CCVB	QQQ49050.d	01/16/25 10:23
SA50002	S5A1460	S5A1460-CCVC	QQQ49064.d	01/16/25 14:20
SA50002	S5A1460	S5A1460-CCVD	QQQ49075.d	01/16/25 17:17
SA50002	S5A1460	S5A1460-CCVE	QQQ49084.d	01/16/25 19:43
SA50002	S5A1460	S5A1460-CCVF	QQQ49096.d	01/16/25 22:57
SA50002	S5A1460	S5A1460-CCVG	QQQ49111.d	01/17/25 02:58
SA50002	S5A1460	S5A1460-CCVH	QQQ49123.d	01/17/25 06:12
SA50002	S5A1724	S5A1724-CCV1	QQQ49128.d	01/17/25 10:58
SA50002	S5A1724	S5A1724-CCV2	QQQ49144.d	01/17/25 15:21
SA50002	S5A1724	S5A1724-CCV3	QQQ49160.d	01/17/25 19:38
SA50002	S5A1724	S5A1724-CCV4	QQQ49172.d	01/17/25 22:52
SA50002	S5A2032	S5A2032-CCV1	QQQ49178.d	01/20/25 11:32
SA50002	S5A2032	S5A2032-CCV2	QQQ49196.d	01/20/25 16:22
SA50002	S5A2032	S5A2032-CCV3	QQQ49209.d	01/20/25 19:52
SA50002	S5A2032	S5A2032-CCV4	QQQ49225.d	01/21/25 00:09
SA50002	S5A2032	S5A2032-CCV5	QQQ49237.d	01/21/25 03:23
SA50002	S5A2032	S5A2032-CCV6	QQQ49249.d	01/21/25 06:37
SA50002	S5A2032	S5A2032-CCV7	QQQ49257.d	01/21/25 08:46
SA50002	S5A2032	S5A2032-CCV8	QQQ49274.d	01/21/25 13:20
SA50002	S5A2032	S5A2032-CCV9	QQQ49284.d	01/21/25 16:02

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50002	S5A1460-CCV1	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**137**	70	130	QQQ48916.d
SA50002	S5A1460-CCV2	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**132**	70	130	QQQ48934.d
SA50002	S5A1460-CCV3	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.45	5.00	**69**	70	130	QQQ48948.d
SA50002	S5A1460-CCV3	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.2	12.5	**137**	70	130	QQQ48948.d
SA50002	S5A1460-CCV4	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**136**	70	130	QQQ48960.d

SA50002	S5A1460-CCV5	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/mL	3.23	2.40	**135**	70	130	QQQ48970.d
SA50002	S5A1460-CCV5	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.2	12.5	**138**	70	130	QQQ48970.d
SA50002	S5A1460-CCV6	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**133**	70	130	QQQ48988.d
SA50002	S5A1460-CCV7	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.6	12.5	**133**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d5-N-EtFOSAA	ng/mL	6.56	5.00	**131**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	M2-8:2 FTS	ng/mL	7.77	4.80	**162**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d-N-MeFOSA	ng/mL	1.38	2.50	**55.1**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d-N-EtFOSA	ng/mL	1.23	2.50	**49.3**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d9-N-EtFOSE	ng/mL	11.6	25.0	**46.3**	70	130	QQQ49004.d
SA50002	S5A1460-CCV7	d7-N-MeFOSE	ng/mL	14.9	25.0	**59.6**	70	130	QQQ49004.d
SA50002	S5A1460-CCV8	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/mL	3.19	2.40	**133**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	M2-6:2 FTS	ng/mL	2.26	4.76	**47.6**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	M2-4:2 FTS	ng/mL	2.20	4.69	**46.8**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	d9-N-EtFOSE	ng/mL	35.0	25.0	**140**	70	130	QQQ49014.d
SA50002	S5A1460-CCV8	d7-N-MeFOSE	ng/mL	40.4	25.0	**162**	70	130	QQQ49014.d
SA50002	S5A1460-CCV9	11CL-PF3OUdS	ng/mL	14.1	9.45	**149**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	9CL-PF3ONS	ng/mL	13.6	9.35	**145**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	ADONA	ng/mL	15.0	9.45	**159**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	N-EtFOSA	ng/mL	7.97	2.50	**319**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-6:2 FTS	ng/mL	1.72	4.76	**36.1**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-8:2 FTS	ng/mL	2.28	4.80	**47.6**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M2-4:2 FTS	ng/mL	1.33	4.69	**28.3**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	M3HFPO-DA	ng/mL	6.85	10.0	**68.5**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	d9-N-EtFOSE	ng/mL	45.8	25.0	**183**	70	130	QQQ49032.d
SA50002	S5A1460-CCV9	d7-N-MeFOSE	ng/mL	53.5	25.0	**214**	70	130	QQQ49032.d
SA50002	S5A1460-CCVA	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.4	12.5	**148**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d-N-MeFOSA	ng/mL	1.59	2.50	**63.7**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d-N-EtFOSA	ng/mL	1.67	2.50	**66.6**	70	130	QQQ49040.d
SA50002	S5A1460-CCVA	d5-NEtFOSA-EIS	ng/mL	2.50	2.50	**1630**	0	500	QQQ49040.d
SA50002	S5A1460-CCVB	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.45	5.00	**69**	70	130	QQQ49050.d
SA50002	S5A1460-CCVB	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.2	12.5	**146**	70	130	QQQ49050.d
SA50002	S5A1460-CCVC	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.9	12.5	**143**	70	130	QQQ49064.d
SA50002	S5A1460-CCVC	d5-N-EtFOSAA	ng/mL	7.20	5.00	**144**	70	130	QQQ49064.d
SA50002	S5A1460-CCVD	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.2	12.5	**146**	70	130	QQQ49075.d
SA50002	S5A1460-CCVE	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.9	12.5	**143**	70	130	QQQ49084.d
SA50002	S5A1460-CCVF	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.3	12.5	**138**	70	130	QQQ49096.d
SA50002	S5A1460-CCVG	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.4	12.5	**147**	70	130	QQQ49111.d
SA50002	S5A1460-CCVG	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	ng/mL	1.64	1.25	**131**	70	130	QQQ49111.d

SA50002	S5A1460-CCVH	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.7	12.5	**142**	70	130	QQQ49123.d
SA50002	S5A1724-CCV1	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.3	12.5	**138**	70	130	QQQ49128.d
SA50002	S5A1724-CCV2	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.48	5.00	**69.5**	70	130	QQQ49144.d
SA50002	S5A1724-CCV2	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.6	12.5	**141**	70	130	QQQ49144.d
SA50002	S5A1724-CCV3	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/mL	3.35	2.40	**140**	70	130	QQQ49160.d
SA50002	S5A1724-CCV3	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**137**	70	130	QQQ49160.d
SA50002	S5A1724-CCV4	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.20	5.00	**64**	70	130	QQQ49172.d
SA50002	S5A1724-CCV4	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	16.8	12.5	**135**	70	130	QQQ49172.d
SA50002	S5A2032-CCV1	Perfluorotridecanoic acid (PFTrDA)	ng/mL	3.53	2.50	**141**	70	130	QQQ49178.d
SA50002	S5A2032-CCV1	11CL-PF3OUdS	ng/mL	17.6	9.45	**187**	70	130	QQQ49178.d
SA50002	S5A2032-CCV1	9CL-PF3ONS	ng/mL	18.6	9.35	**199**	70	130	QQQ49178.d
SA50002	S5A2032-CCV1	ADONA	ng/mL	20.1	9.45	**212**	70	130	QQQ49178.d
SA50002	S5A2032-CCV1	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.3	12.5	**146**	70	130	QQQ49178.d
SA50002	S5A2032-CCV1	d-N-MeFOSA	ng/mL	1.70	2.50	**68**	70	130	QQQ49178.d
SA50002	S5A2032-CCV1	d-N-EtFOSA	ng/mL	1.52	2.50	**60.6**	70	130	QQQ49178.d
SA50002	S5A2032-CCV1	M3HFPO-DA	ng/mL	4.99	10.0	**49.9**	70	130	QQQ49178.d
SA50002	S5A2032-CCV2	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	19.1	12.5	**153**	70	130	QQQ49196.d
SA50002	S5A2032-CCV3	ADONA	ng/mL	12.6	9.45	**133**	70	130	QQQ49209.d
SA50002	S5A2032-CCV3	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.9	12.5	**151**	70	130	QQQ49209.d
SA50002	S5A2032-CCV4	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.48	5.00	**69.5**	70	130	QQQ49225.d
SA50002	S5A2032-CCV4	ADONA	ng/mL	12.4	9.45	**131**	70	130	QQQ49225.d
SA50002	S5A2032-CCV4	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.1	12.5	**137**	70	130	QQQ49225.d
SA50002	S5A2032-CCV4	M2-6:2 FTS	ng/mL	2.53	4.76	**53.1**	70	130	QQQ49225.d
SA50002	S5A2032-CCV4	M2-8:2 FTS	ng/mL	2.68	4.80	**55.8**	70	130	QQQ49225.d
SA50002	S5A2032-CCV4	M2-4:2 FTS	ng/mL	2.14	4.69	**45.7**	70	130	QQQ49225.d
SA50002	S5A2032-CCV4	d9-N-EtFOSE	ng/mL	40.2	25.0	**161**	70	130	QQQ49225.d
SA50002	S5A2032-CCV4	d7-N-MeFOSE	ng/mL	46.5	25.0	**186**	70	130	QQQ49225.d
SA50002	S5A2032-CCV5	Perfluorotridecanoic acid (PFTrDA)	ng/mL	3.39	2.50	**136**	70	130	QQQ49237.d
SA50002	S5A2032-CCV5	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	19.6	12.5	**157**	70	130	QQQ49237.d
SA50002	S5A2032-CCV5	M2-6:2 FTS	ng/mL	2.88	4.76	**60.5**	70	130	QQQ49237.d
SA50002	S5A2032-CCV5	M2-8:2 FTS	ng/mL	2.92	4.80	**60.8**	70	130	QQQ49237.d
SA50002	S5A2032-CCV5	M2-4:2 FTS	ng/mL	2.81	4.69	**59.9**	70	130	QQQ49237.d
SA50002	S5A2032-CCV5	d9-N-EtFOSE	ng/mL	38.1	25.0	**152**	70	130	QQQ49237.d
SA50002	S5A2032-CCV5	d7-N-MeFOSE	ng/mL	34.8	25.0	**139**	70	130	QQQ49237.d
SA50002	S5A2032-CCV6	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.9	12.5	**151**	70	130	QQQ49249.d

SA50002	S5A2032-CCV7	Perfluorodecanoic acid (PFDA)	ng/mL	1.74	2.50	**69.7**	70	130	QQQ49257.d
SA50002	S5A2032-CCV7	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	18.5	12.5	**148**	70	130	QQQ49257.d
SA50002	S5A2032-CCV7	M2-4:2 FTS	ng/mL	3.20	4.69	**68.3**	70	130	QQQ49257.d
SA50002	S5A2032-CCV8	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.6	12.5	**141**	70	130	QQQ49274.d
SA50002	S5A2032-CCV9	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/mL	3.03	5.00	**60.6**	70	130	QQQ49284.d
SA50002	S5A2032-CCV9	3-Perfluoropropyl propanoic acid (FPrPA)	ng/mL	17.9	12.5	**143**	70	130	QQQ49284.d

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50002	S5A1460	S5A1460-LCV1	Low Cal Check		QQQ48915.d
SA50002	S5A1460	S5A1460-CCB1	Calibration Blank		QQQ48919.d
SA50002	S5A1460	S5A1460-CCB2	Calibration Blank		QQQ48935.d
SA50002	S5A1460	S5A1460-CCB3	Calibration Blank		QQQ48949.d
SA50002	S5A1460	S5A1460-CCB4	Calibration Blank		QQQ48961.d
SA50002	S5A1460	S5A1460-CCB5	Calibration Blank		QQQ48971.d
SA50002	S5A1460	S5A1460-CCB6	Calibration Blank		QQQ48989.d
SA50002	S5A1460	S5A1460-CCB7	Calibration Blank		QQQ49005.d
SA50002	S5A1460	S5A1460-CCB8	Calibration Blank		QQQ49017.d
SA50002	S5A1460	BA50704-BLK1	Blank		QQQ49018.d
SA50002	S5A1460	BA50704-BLK2	Blank		QQQ49019.d
SA50002	S5A1460	BA50704-BS1	LCS		QQQ49020.d
SA50002	S5A1460	BA50704-BS2	LCS		QQQ49021.d
SA50002	S5A1460	S5A1460-CCB9	Calibration Blank		QQQ49033.d
SA50002	S5A1460	S5A1460-CCBA	Calibration Blank		QQQ49041.d
SA50002	S5A1460	25A0590-08	MW001		QQQ49042.d
SA50002	S5A1460	25A0590-09	MW002		QQQ49043.d
SA50002	S5A1460	25A0590-10	MW003		QQQ49044.d
SA50002	S5A1460	25A0590-11	MW004		QQQ49045.d
SA50002	S5A1460	BA50704-MS1	Matrix Spike	MW004	QQQ49046.d
SA50002	S5A1460	BA50704-MSD1	Matrix Spike Dup	MW004	QQQ49047.d
SA50002	S5A1460	25A0590-12	MW00X		QQQ49048.d
SA50002	S5A1460	25A0590-13	Equipment Blank 1/9/		QQQ49049.d
SA50002	S5A1460	S5A1460-CCBB	Calibration Blank		QQQ49051.d
SA50002	S5A1460	BA50775-BLK1	Blank		QQQ49052.d
SA50002	S5A1460	BA50775-BS1	LCS		QQQ49053.d
SA50002	S5A1460	BA50775-BS2	LCS		QQQ49054.d
SA50002	S5A1460	S5A1460-CCBC	Calibration Blank		QQQ49065.d
SA50002	S5A1460	S5A1460-CCBD	Calibration Blank		QQQ49076.d
SA50002	S5A1460	S5A1460-CCBE	Calibration Blank		QQQ49085.d
SA50002	S5A1460	25A0590-01	SB006 (0-2 IN)		QQQ49086.d
SA50002	S5A1460	25A0590-02	SB006 (2 IN -24 IN)		QQQ49087.d
SA50002	S5A1460	25A0590-03	SB006 (6- 8 FT)		QQQ49088.d
SA50002	S5A1460	25A0590-04	SB007 (0-2IN)		QQQ49089.d
SA50002	S5A1460	S5A1460-CCBF	Calibration Blank		QQQ49097.d
SA50002	S5A1460	BA50815-BLK1	Blank		QQQ49098.d
SA50002	S5A1460	BA50815-BS1	LCS		QQQ49099.d

SA50002	S5A1460	BA50815-BS2	LCS		QQQ49100.d
SA50002	S5A1460	25A0590-14	Field Blank 1/9/25		QQQ49109.d
SA50002	S5A1460	S5A1460-CCBG	Calibration Blank		QQQ49112.d
SA50002	S5A1460	S5A1460-CCBH	Calibration Blank		QQQ49124.d
SA50002	S5A1724	S5A1724-LCV1	Low Cal Check		QQQ49127.d
SA50002	S5A1724	S5A1724-CCB1	Calibration Blank		QQQ49131.d
SA50002	S5A1724	S5A1724-CCB2	Calibration Blank		QQQ49145.d
SA50002	S5A1724	BA50941-BLK1	Blank		QQQ49146.d
SA50002	S5A1724	BA50941-BS1	LCS		QQQ49147.d
SA50002	S5A1724	BA50941-BS2	LCS		QQQ49148.d
SA50002	S5A1724	25A0590-05	SB007 (2IN -24IN)		QQQ49149.d
SA50002	S5A1724	BA50941-DUP1	Duplicate	SB007 (2IN -24IN)	QQQ49150.d
SA50002	S5A1724	25A0590-06	SB007 (6-8FT)		QQQ49151.d
SA50002	S5A1724	25A0590-07	UICO11		QQQ49152.d
SA50002	S5A1724	S5A1724-CCB3	Calibration Blank		QQQ49161.d
SA50002	S5A1724	S5A1724-CCB4	Calibration Blank		QQQ49173.d
SA50002	S5A2032	S5A2032-LCV1	Low Cal Check		QQQ49176.d
SA50002	S5A2032	S5A2032-CCB1	Calibration Blank		QQQ49180.d
SA50002	S5A2032	S5A2032-CCB2	Calibration Blank		QQQ49197.d
SA50002	S5A2032	S5A2032-CCB3	Calibration Blank		QQQ49210.d
SA50002	S5A2032	BA51086-BLK1	Blank		QQQ49211.d
SA50002	S5A2032	BA51086-BLK2	Blank		QQQ49212.d
SA50002	S5A2032	BA51086-BS1	LCS		QQQ49213.d
SA50002	S5A2032	BA51086-BS2	LCS		QQQ49214.d
SA50002	S5A2032	25A0590-10RE1	MW003		QQQ49215.d
SA50002	S5A2032	25A0590-11RE1	MW004		QQQ49216.d
SA50002	S5A2032	BA51086-MS1	Matrix Spike	MW004	QQQ49217.d
SA50002	S5A2032	BA51086-MSD1	Matrix Spike Dup	MW004	QQQ49218.d
SA50002	S5A2032	25A0590-12RE1	MW00X		QQQ49219.d
SA50002	S5A2032	S5A2032-CCB4	Calibration Blank		QQQ49226.d
SA50002	S5A2032	S5A2032-CCB5	Calibration Blank		QQQ49238.d
SA50002	S5A2032	S5A2032-CCB6	Calibration Blank		QQQ49250.d
SA50002	S5A2032	S5A2032-CCB7	Calibration Blank		QQQ49258.d
SA50002	S5A2032	S5A2032-CCB8	Calibration Blank		QQQ49275.d
SA50002	S5A2032	S5A2032-CCB9	Calibration Blank		QQQ49285.d

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Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
PFAS	BA50704	S5A1460	LCQQQ	BA50704-BLK1	QQQ49018.d
PFAS	BA50704	S5A1460	LCQQQ	BA50704-BLK2	QQQ49019.d
PFAS	BA50775	S5A1460	LCQQQ	BA50775-BLK1	QQQ49052.d
PFAS	BA50815	S5A1460	LCQQQ	BA50815-BLK1	QQQ49098.d
PFAS	BA50941	S5A1724	LCQQQ	BA50941-BLK1	QQQ49146.d
PFAS	BA51086	S5A2032	LCQQQ	BA51086-BLK1	QQQ49211.d
PFAS	BA51086	S5A2032	LCQQQ	BA51086-BLK2	QQQ49212.d

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A2032	Blank	BA51086-BLK2	Water	Perfluoropentanoic acid (PF	0.241	3.69	ng/L
S5A1460	Blank	BA50815-BLK1	Water	Taurodeoxycholic Acid (TDC	0.00		ng/L
S5A2032	Blank	BA51086-BLK2	Water	Taurodeoxycholic Acid (TDC	0.00		ng/L
S5A1460	Blank	BA50704-BLK2	Water	Taurodeoxycholic Acid (TDC	0.00		ng/L
S5A2032	Blank	BA51086-BLK1	Water	Taurodeoxycholic Acid (TDC	0.00		ng/L
S5A1460	Blank	BA50775-BLK1	Soil	Taurodeoxycholic Acid (TDC	0.00		ug/kg wet
S5A1724	Blank	BA50941-BLK1	Soil	Taurodeoxycholic Acid (TDC	0.00		ug/kg wet
S5A1460	Blank	BA50704-BLK1	Water	Taurodeoxycholic Acid (TDC	0.00		ng/L
S5A1460	Blank	BA50704-BLK1	Water	Taurochenodeoxycholic Aci	0.00		ng/L
S5A1460	Blank	BA50704-BLK2	Water	Taurochenodeoxycholic Aci	0.00		ng/L
S5A1460	Blank	BA50775-BLK1	Soil	Taurochenodeoxycholic Aci	0.00		ug/kg wet
S5A1460	Blank	BA50815-BLK1	Water	Taurochenodeoxycholic Aci	0.00		ng/L
S5A2032	Blank	BA51086-BLK2	Water	Taurochenodeoxycholic Aci	0.00		ng/L
S5A1724	Blank	BA50941-BLK1	Soil	Taurochenodeoxycholic Aci	0.00		ug/kg wet
S5A2032	Blank	BA51086-BLK1	Water	Taurochenodeoxycholic Aci	0.00		ng/L
S5A1724	Blank	BA50941-BLK1	Soil	Tauroursodeoxycholic Acid (	0.00		ug/kg wet
S5A1460	Blank	BA50775-BLK1	Soil	Tauroursodeoxycholic Acid (	0.00		ug/kg wet
S5A2032	Blank	BA51086-BLK1	Water	Tauroursodeoxycholic Acid (	0.00		ng/L
S5A1460	Blank	BA50704-BLK2	Water	Tauroursodeoxycholic Acid (	0.00		ng/L
S5A2032	Blank	BA51086-BLK2	Water	Tauroursodeoxycholic Acid (	0.00		ng/L
S5A1460	Blank	BA50704-BLK1	Water	Tauroursodeoxycholic Acid (	0.00		ng/L
S5A1460	Blank	BA50815-BLK1	Water	Tauroursodeoxycholic Acid (	0.00		ng/L

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA51086	25A0590-10RE1	MW003	QQQ49215.d
BA51086	25A0590-11RE1	MW004	QQQ49216.d
BA51086	25A0590-12RE1	MW00X	QQQ49219.d
BA50941	BA50941-DUP1	Duplicate	QQQ49150.d
BA51086	BA51086-BS1	LCS	QQQ49213.d
BA51086	BA51086-BS2	LCS	QQQ49214.d
BA51086	BA51086-MS1	Matrix Spike	QQQ49217.d
BA51086	BA51086-MSD1	Matrix Spike Dup	QQQ49218.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID

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SA50002	5A1460	BA50704-BS1	LCS	QQQ49020.d
SA50002	5A1460	BA50704-BS2	LCS	QQQ49021.d
SA50002	5A1460	BA50775-BS1	LCS	QQQ49053.d
SA50002	5A1460	BA50775-BS2	LCS	QQQ49054.d
SA50002	5A1460	BA50815-BS1	LCS	QQQ49099.d
SA50002	5A1460	BA50815-BS2	LCS	QQQ49100.d
SA50002	5A1724	BA50941-BS1	LCS	QQQ49147.d
SA50002	5A1724	BA50941-BS2	LCS	QQQ49148.d
SA50002	5A2032	BA51086-BS1	LCS	QQQ49213.d
SA50002	5A2032	BA51086-BS2	LCS	QQQ49214.d

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1460	LCS	BA50704-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**18.3**		50 - 150	
S5A1460	LCS	BA50704-BS1	11CL-PF3OUdS		**224**		50 - 150	
S5A1460	LCS	BA50704-BS1	9CL-PF3ONS		**228**		50 - 150	
S5A1460	LCS	BA50704-BS1	ADONA		**273**		50 - 150	
S5A1460	LCS	BA50704-BS2	Perfluorotridecanoic acid (PFTrDA)		**151**		50 - 150	
S5A1460	LCS	BA50704-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**17**		50 - 150	
S5A1460	LCS	BA50704-BS2	HFPO-DA (Gen-X)		**159**		50 - 150	
S5A1460	LCS	BA50704-BS2	11CL-PF3OUdS		**180**		50 - 150	
S5A1460	LCS	BA50704-BS2	9CL-PF3ONS		**213**		50 - 150	
S5A1460	LCS	BA50704-BS2	ADONA		**244**		50 - 150	
S5A1460	LCS	BA50775-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**17.8**		50 - 150	
S5A1460	LCS	BA50775-BS2	11CL-PF3OUdS		**49.2**		50 - 150	
S5A1460	LCS	BA50775-BS2	Perfluorododecanesulfonic acid (PFDoS)		**44.1**		50 - 150	
S5A1460	LCS	BA50815-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**19.6**		50 - 150	
S5A1460	LCS	BA50815-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**15**		50 - 150	
S5A1724	LCS	BA50941-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**31.3**		50 - 150	
S5A1724	LCS	BA50941-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**49.2**		50 - 150	
S5A1724	LCS	BA50941-BS2	N-MeFOSA		**154**		50 - 150	
S5A2032	LCS	BA51086-BS1	Perfluoro-4-oxapentanoic acid (PFMPA)		**24.4**		50 - 150	
S5A2032	LCS	BA51086-BS2	Perfluorotridecanoic acid (PFTrDA)		**165**		50 - 150	
S5A2032	LCS	BA51086-BS2	Perfluoro-4-oxapentanoic acid (PFMPA)		**17.2**		50 - 150	
S5A2032	LCS	BA51086-BS2	HFPO-DA (Gen-X)		**153**		50 - 150	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50775	25A0590-01	SB006 (0-2 IN)	
BA50775	25A0590-02	SB006 (2 IN -24 IN)	
BA50775	25A0590-03	SB006 (6- 8 FT)	
BA50775	25A0590-04	SB007 (0-2IN)	
BA50941	25A0590-05	SB007 (2IN -24IN)	

BA50941	25A0590-06	SB007 (6-8FT)	
BA50941	25A0590-07	UICO11	
BA50704	25A0590-08	MW001	
BA50704	25A0590-09	MW002	
BA50704	25A0590-10	MW003	
BA51086	25A0590-10RE1	MW003	
BA50704	25A0590-11	MW004	
BA51086	25A0590-11RE1	MW004	
BA50704	25A0590-12	MW00X	
BA51086	25A0590-12RE1	MW00X	
BA50704	25A0590-13	Equipment Blank 1/9	
BA50815	25A0590-14	Field Blank 1/9/25	
BA50704	BA50704-BLK1	Blank	
BA50704	BA50704-BLK2	Blank	
BA50704	BA50704-MS1	Matrix Spike	MW004
BA50704	BA50704-MSD1	Matrix Spike Dup	MW004
BA50775	BA50775-BLK1	Blank	
BA50815	BA50815-BLK1	Blank	
BA50941	BA50941-BLK1	Blank	
BA50941	BA50941-DUP1	Duplicate	SB007 (2IN -24IN)
BA51086	BA51086-BLK1	Blank	
BA51086	BA51086-BLK2	Blank	
BA51086	BA51086-MS1	Matrix Spike	MW004
BA51086	BA51086-MSD1	Matrix Spike Dup	MW004
S5A1460	S5A1460-LCV1	Low Cal Check	
S5A1724	S5A1724-LCV1	Low Cal Check	
S5A2032	S5A2032-LCV1	Low Cal Check	

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PFAS	**SA50002**	BA50704	S5A1460	MW004MS1	25A0590-11	MW004	BA50704-MS1
PFAS	**SA50002**	BA50704	S5A1460	MW004MSD1	25A0590-11	MW004	BA50704-MSD1
PFAS	**SA50002**	BA50941	S5A1724	SB007 (2IN -24IN)DUP1	25A0590-05	SB007 (2IN -24IN)	BA50941-DUP1
PFAS	**SA50002**	BA51086	S5A2032	MW004MS1	25A0590-11RE1	MW004	BA51086-MS1
PFAS	**SA50002**	BA51086	S5A2032	MW004MSD1	25A0590-11RE1	MW004	BA51086-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1460	MW004	BA50704-MS1	Perfluorooctanesulfonic acid (PFOS)	ng/L		21500		25 - 150	
S5A1460	MW004	BA50704-MS1	Perfluoro-1-heptanesulfonic acid (PFHpS)	ng/L		200		25 - 150	
S5A1460	MW004	BA50704-MS1	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/L		160		25 - 150	
S5A1460	MW004	BA50704-MS1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	ng/L		181		10 - 150	
S5A1460	MW004	BA50704-MS1	d3-N-MeFOSAA	ng/L		176		25 - 150	
S5A1460	MW004	BA50704-MS1	d5-N-EtFOSAA	ng/L		175		25 - 150	
S5A1460	MW004	BA50704-MS1	M2-4:2 FTS	ng/L		167		25 - 150	
S5A1460	MW004	BA50704-MSD1	Perfluorooctanesulfonic acid (PFOS)	ng/L	21500	21600	0.0315	25 - 150	35
S5A1460	MW004	BA50704-MSD1	Perfluoro-1-heptanesulfonic acid (PFHpS)	ng/L	200	199	0.219	25 - 150	35
S5A1460	MW004	BA50704-MSD1	Perfluoro-1-nonanesulfonic acid (PFNS)	ng/L	160	165	3.29	25 - 150	30
S5A1460	MW004	BA50704-MSD1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	ng/L	181	228		10 - 150	
S5A1460	MW004	BA50704-MSD1	d3-N-MeFOSAA	ng/L	176	201		25 - 150	
S5A1460	MW004	BA50704-MSD1	d5-N-EtFOSAA	ng/L	175	221		25 - 150	
S5A1460	MW004	BA50704-MSD1	M2-4:2 FTS	ng/L	167	191		25 - 150	
S5A1460	MW004	BA50704-MSD1	d9-N-EtFOSE	ng/L	150	181		25 - 150	
S5A1460	MW004	BA50704-MSD1	d7-N-MeFOSE	ng/L	149	204		25 - 150	
S5A1724	SB007 (2IN -24IN)	BA50941-DUP1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	ug/kg dry	68.8	16.7		25 - 150	
S5A2032	MW004	BA51086-MS1	Perfluoro-4-oxapentanoic acid (PFMPA)	ng/L		21.6		25 - 150	
S5A2032	MW004	BA51086-MS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	ng/L		4.43		25 - 150	
S5A2032	MW004	BA51086-MSD1	M3PFHxS	ng/L	119	153		25 - 150	
S5A2032	MW004	BA51086-MSD1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	ng/L	4.43	6.13		25 - 150	

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A2032	MW004MSD1	25A0590-11RE1	BA51086-MSD1	Perfluoro-3,6-dioxaheptanoic acid	43.7	30	

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(NFDHA)

Dilutions: No sample dilutions were required.

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Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues:

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M3PFBA	154	1.4274
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFBA	138	1.3723
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M3PFBA	163	1.4458
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFDA	119	8.8482
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	MPFDA	136	8.6618
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	MPFDA	127	8.8946
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	MPFHxA	145	6.1686
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFHxA	126	6.1963
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	MPFHxA	137	6.2522
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFHxS	137	7.1403
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	MPFHxS	138	7.0292
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	MPFHxS	126	7.1773
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	MPFNA	117	8.3771
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	MPFNA	138	8.1431
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFNA	123	8.3307
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	MPFOA	128	7.5673
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFOA	105	7.7272
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	MPFOA	113	7.7644
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	MPFOS	125	8.3661
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	MPFOS	116	8.4032
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	MPFOS	134	8.1701
BA50704	LCQQQ	**SA50002**	MW00X	25A0590-12	MPFOS	49	-0.1219
BA50704	LCQQQ	**SA50002**	Matrix Spike Dup	BA50704-MSD1	MPFOS	45	-0.1590
BA50704	LCQQQ	**SA50002**	MW003	25A0590-10	MPFOS	49	-0.0838
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	131	8.1428
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	116	8.3766
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS	138	8.3303
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	125	7.5670
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	126	7.7267
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS	124	7.7640
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	131	4.7180
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	139	4.7463

S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS	142	4.8109
BA50815	LCQQQ	**SA50002**	LCS	BA50815-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.0367
BA51086	LCQQQ	**SA50002**	LCS	BA51086-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0275
BA50941	LCQQQ	**SA50002**	Duplicate	BA50941-DUP1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	12	-0.0092
BA50941	LCQQQ	**SA50002**	LCS	BA50941-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	9	-0.0643
BA50941	LCQQQ	**SA50002**	LCS	BA50941-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	33	-0.0643
BA50815	LCQQQ	**SA50002**	Field Blank 1/9/25	25A0590-14	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	0.0551
BA50941	LCQQQ	**SA50002**	SB007 (6-8FT)	25A0590-06	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	13	0.0000
BA51086	LCQQQ	**SA50002**	Blank	BA51086-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0184
BA50815	LCQQQ	**SA50002**	LCS	BA50815-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0275
BA51086	LCQQQ	**SA50002**	LCS	BA51086-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	4	-0.0276
BA51086	LCQQQ	**SA50002**	MW003	25A0590-10RE1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	-0.0275
BA51086	LCQQQ	**SA50002**	MW004	25A0590-11RE1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	-0.0276
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	120	1.3701
BA51086	LCQQQ	**SA50002**	Blank	BA51086-BLK2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	-0.0275
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0367
BA50704	LCQQQ	**SA50002**	MW001	25A0590-08	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	31	0.0551
BA50704	LCQQQ	**SA50002**	MW00X	25A0590-12	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	29	0.0643
BA50704	LCQQQ	**SA50002**	Equipment Blank 1/9/25	25A0590-13	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0735
BA50775	LCQQQ	**SA50002**	LCS	BA50775-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	4	0.0275

BA51086	LCQQQ	**SA50002**	MW00X	25A0590-12RE1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0184
BA50704	LCQQQ	**SA50002**	MW004	25A0590-11	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	25	0.0643
BA50704	LCQQQ	**SA50002**	MW002	25A0590-09	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	32	0.0184
BA51086	LCQQQ	**SA50002**	Matrix Spike	BA51086-MS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0276
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	137	1.4251
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	2	-0.0367
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK2	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	5	-0.0459
BA50815	LCQQQ	**SA50002**	Blank	BA50815-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	0.0183
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	142	1.4435
BA50704	LCQQQ	**SA50002**	MW003	25A0590-10	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	31	0.0459
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	3	-0.0276
BA51086	LCQQQ	**SA50002**	Matrix Spike Dup	BA51086-MSD1	Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS	4	-0.0276
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	138	9.6517
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	136	9.5315
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS	118	9.6979
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	135	8.4026
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	143	8.3655
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS	143	8.1696
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	131	9.3887
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	112	9.3332

S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS	136	9.2498
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M7PFUdA-EIS	115	9.2825
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M7PFUdA-EIS	113	9.3294
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M7PFUdA-EIS	136	9.1247
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M6PFDA-EIS	134	8.8478
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M6PFDA-EIS	153	8.6614
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M6PFDA-EIS	135	8.8943
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M5PFHxA-EIS	124	6.1953
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M5PFHxA-EIS	120	6.2513
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M5PFHxA-EIS	126	6.1675
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M4PFHpA-EIS	108	7.0774
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M4PFHpA-EIS	128	6.9282
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M4PFHpA-EIS	125	7.0311
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M3PFHxS-EIS	143	7.0204
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M3PFHxS-EIS	125	7.1778
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFHxS-EIS	132	7.1408
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M3PFBS-EIS	128	5.4179
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M3PFBS-EIS	125	5.4643
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3PFBS-EIS	122	5.4086
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M3-HFPO-DA-EIS	130	6.4297
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS2	M3-HFPO-DA-EIS	43	0.0371
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M3-HFPO-DA-EIS	64	6.5409
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS1	M3-HFPO-DA-EIS	42	0.0186
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK1	M3-HFPO-DA-EIS	44	0.0278
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK2	M3-HFPO-DA-EIS	43	0.0186
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M3-HFPO-DA-EIS	133	6.4853
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2PFTeDA-EIS	124	10.2579
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M2PFTeDA-EIS	80	10.3132
BA50704	LCQQQ	**SA50002**	MW002	25A0590-09	M2PFTeDA-EIS	47	0.0460
BA50775	LCQQQ	**SA50002**	SB006 (0-2 IN)	25A0590-01	M2PFTeDA-EIS	48	0.0092
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M2PFTeDA-EIS	107	10.2027
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-8-2FTS-EIS	98	8.8184
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M2-8-2FTS-EIS	132	8.8564
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK2	M2-8-2FTS-EIS	27	0.1390
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK1	M2-8-2FTS-EIS	30	0.1390
BA50941	LCQQQ	**SA50002**	LCS	BA50941-BS2	M2-8-2FTS-EIS	47	0.0927
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M2-8-2FTS-EIS	113	8.6235
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS1	M2-8-2FTS-EIS	35	0.1390
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS2	M2-8-2FTS-EIS	28	0.1483
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M2-6-2FTS-EIS	131	7.7073
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK2	M2-6-2FTS-EIS	23	0.1117
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS2	M2-6-2FTS-EIS	20	0.1217
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M2-6-2FTS-EIS	110	7.5102
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS1	M2-6-2FTS-EIS	26	0.1217
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK1	M2-6-2FTS-EIS	22	0.1217
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-6-2FTS-EIS	119	7.6703
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS2	M2-4-2FTS-EIS	18	0.0185
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	M2-4-2FTS-EIS	135	6.1757

BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK1	M2-4-2FTS-EIS	21	0.0000
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS1	M2-4-2FTS-EIS	23	0.0000
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK2	M2-4-2FTS-EIS	19	0.0092
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	M2-4-2FTS-EIS	116	6.1289
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	M2-4-2FTS-EIS	108	6.0919
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	d9-NEtFOSE-EIS	133	10.2978
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d9-NEtFOSE-EIS	139	10.3162
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	d9-NEtFOSE-EIS	98	10.2978
BA50775	LCQQQ	**SA50002**	SB006 (0-2 IN)	25A0590-01	d9-NEtFOSE-EIS	36	0.0000
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d7-NMeFOSE-EIS	123	10.0771
BA50775	LCQQQ	**SA50002**	SB006 (0-2 IN)	25A0590-01	d7-NMeFOSE-EIS	34	0.0000
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	d7-NMeFOSE-EIS	115	10.0310
BA50941	LCQQQ	**SA50002**	LCS	BA50941-BS2	d7-NMeFOSE-EIS	48	0.1014
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	d7-NMeFOSE-EIS	100	10.0586
BA50775	LCQQQ	**SA50002**	SB006 (6- 8 FT)	25A0590-03	d5-NEtFOSA-EIS	42	0.0000
BA50775	LCQQQ	**SA50002**	SB006 (0-2 IN)	25A0590-01	d5-NEtFOSA-EIS	45	0.0092
BA50704	LCQQQ	**SA50002**	MW001	25A0590-08	d5-NEtFOSA-EIS	45	0.0276
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	d5-NEtFOSA-EIS	125	10.3372
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK1	d5-NEtFOSA-EIS	48	-0.0829
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS1	d5-NEtFOSA-EIS	47	-0.0829
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d5-NEtFOSA-EIS	119	10.3556
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	d5-NEtFOSA-EIS	76	10.3280
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK2	d5-NEtFOSA-EIS	34	-0.0921
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	d5-N-EtFOSAA-EIS	123	9.3098
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	d5-N-EtFOSAA-EIS	143	9.1145
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d5-N-EtFOSAA-EIS	126	9.2722
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK2	d3-NMeFOSA-EIS	44	-0.0461
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS1	d3-NMeFOSA-EIS	48	-0.0461
BA50704	LCQQQ	**SA50002**	LCS	BA50704-BS2	d3-NMeFOSA-EIS	43	-0.0368
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	d3-NMeFOSA-EIS	78	10.0815
BA50775	LCQQQ	**SA50002**	SB006 (0-2 IN)	25A0590-01	d3-NMeFOSA-EIS	43	0.0092
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	d3-NMeFOSA-EIS	136	10.0630
BA50704	LCQQQ	**SA50002**	Blank	BA50704-BLK1	d3-NMeFOSA-EIS	49	-0.0461
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d3-NMeFOSA-EIS	124	10.1091
S5A1724	LCQQQ	**SA50002**	Low Cal Check	S5A1724-LCV1	d3-N-MeFOSAA-EIS	126	8.8733
S5A1460	LCQQQ	**SA50002**	Low Cal Check	S5A1460-LCV1	d3-N-MeFOSAA-EIS	117	9.0502
S5A2032	LCQQQ	**SA50002**	Low Cal Check	S5A2032-LCV1	d3-N-MeFOSAA-EIS	116	9.0875

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50002	Blank	BA50704-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.05**	25 - 150
SA50002	Blank	BA50704-BLK2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**6**	25 - 150
SA50002	LCS	BA50704-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**2.23**	25 - 150
SA50002	LCS	BA50704-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.29**	25 - 150
SA50002	MW003	25A0590-10	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	**156**	25 - 150

SA50002	MW003	25A0590-10	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	**184**	10 - 150
SA50002	MW003	25A0590-10	d3-N-MeFOSAA	**173**	25 - 150
SA50002	MW003	25A0590-10	d5-N-EtFOSAA	**196**	25 - 150
SA50002	MW003	25A0590-10	d7-N-MeFOSE	**168**	25 - 150
SA50002	MW004	25A0590-11	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	**175**	10 - 150
SA50002	MW004	25A0590-11	d3-N-MeFOSAA	**174**	25 - 150
SA50002	MW004	25A0590-11	d5-N-EtFOSAA	**185**	25 - 150
SA50002	MW004	25A0590-11	M2-4:2 FTS	**153**	25 - 150
SA50002	MW004	25A0590-11	d9-N-EtFOSE	**152**	25 - 150
SA50002	MW004	25A0590-11	d7-N-MeFOSE	**158**	25 - 150
SA50002	Matrix Spike	BA50704-MS1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	**181**	10 - 150
SA50002	Matrix Spike	BA50704-MS1	d3-N-MeFOSAA	**176**	25 - 150
SA50002	Matrix Spike	BA50704-MS1	d5-N-EtFOSAA	**175**	25 - 150
SA50002	Matrix Spike	BA50704-MS1	M2-4:2 FTS	**167**	25 - 150
SA50002	Matrix Spike Dup	BA50704-MSD1	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	**228**	10 - 150
SA50002	Matrix Spike Dup	BA50704-MSD1	d3-N-MeFOSAA	**201**	25 - 150
SA50002	Matrix Spike Dup	BA50704-MSD1	d5-N-EtFOSAA	**221**	25 - 150
SA50002	Matrix Spike Dup	BA50704-MSD1	M2-4:2 FTS	**191**	25 - 150
SA50002	Matrix Spike Dup	BA50704-MSD1	d9-N-EtFOSE	**181**	25 - 150
SA50002	Matrix Spike Dup	BA50704-MSD1	d7-N-MeFOSE	**204**	25 - 150
SA50002	MW00X	25A0590-12	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	**161**	25 - 150
SA50002	MW00X	25A0590-12	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	**205**	10 - 150
SA50002	MW00X	25A0590-12	d3-N-MeFOSAA	**195**	25 - 150
SA50002	MW00X	25A0590-12	d5-N-EtFOSAA	**208**	25 - 150
SA50002	MW00X	25A0590-12	d9-N-EtFOSE	**158**	25 - 150
SA50002	MW00X	25A0590-12	d7-N-MeFOSE	**156**	25 - 150
SA50002	Equipment Blank 1/9/25	25A0590-13	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.67**	25 - 150
SA50002	LCS	BA50775-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**5.5**	25 - 150
SA50002	Blank	BA50815-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.02**	25 - 150
SA50002	LCS	BA50815-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.65**	25 - 150
SA50002	LCS	BA50815-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.77**	25 - 150
SA50002	Field Blank 1/9/25	25A0590-14	M6PFDA	**153**	25 - 150
SA50002	Field Blank 1/9/25	25A0590-14	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.31**	25 - 150

SA50002	LCS	BA50941-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**12.6**	25 - 150
SA50002	Duplicate	BA50941-DUP1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**16.7**	25 - 150
SA50002	SB007 (6-8FT)	25A0590-06	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**16.1**	25 - 150
SA50002	Blank	BA51086-BLK1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.06**	25 - 150
SA50002	Blank	BA51086-BLK2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.11**	25 - 150
SA50002	LCS	BA51086-BS1	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	**164**	25 - 150
SA50002	LCS	BA51086-BS1	M7PFUdA	**156**	25 - 150
SA50002	LCS	BA51086-BS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**5.46**	25 - 150
SA50002	LCS	BA51086-BS2	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.63**	25 - 150
SA50002	LCS	BA51086-BS2	M9PFNA	**152**	25 - 150
SA50002	MW003	25A0590-10RE1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.35**	25 - 150
SA50002	MW004	25A0590-11RE1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**3.01**	25 - 150
SA50002	Matrix Spike	BA51086-MS1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.43**	25 - 150
SA50002	Matrix Spike Dup	BA51086-MSD1	M3PFHxS	**153**	25 - 150
SA50002	Matrix Spike Dup	BA51086-MSD1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**6.13**	25 - 150
SA50002	MW00X	25A0590-12RE1	Perfluoro-n-[13C4]butanoic acid (MPFBA)	**4.15**	25 - 150
SA50002	Calibration Check	S5A1460-CCV7	d5-N-EtFOSAA	**131**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	M2-8:2 FTS	**162**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d-N-MeFOSA	**55.1**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d-N-EtFOSA	**49.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d9-N-EtFOSE	**46.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV7	d7-N-MeFOSE	**59.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	M2-6:2 FTS	**47.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	M2-4:2 FTS	**46.8**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	d9-N-EtFOSE	**140**	70 - 130
SA50002	Calibration Check	S5A1460-CCV8	d7-N-MeFOSE	**162**	70 - 130
SA50002	Calibration Blank	S5A1460-CCB8	d9-N-EtFOSE	**165**	25 - 150
SA50002	Calibration Blank	S5A1460-CCB8	d7-N-MeFOSE	**162**	25 - 150
SA50002	Calibration Check	S5A1460-CCV9	M2-6:2 FTS	**36.1**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M2-8:2 FTS	**47.6**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M2-4:2 FTS	**28.3**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	M3HFPO-DA	**68.5**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	d9-N-EtFOSE	**183**	70 - 130
SA50002	Calibration Check	S5A1460-CCV9	d7-N-MeFOSE	**214**	70 - 130
SA50002	Calibration Blank	S5A1460-CCB9	d9-N-EtFOSE	**217**	25 - 150
SA50002	Calibration Blank	S5A1460-CCB9	d7-N-MeFOSE	**224**	25 - 150
SA50002	Calibration Check	S5A1460-CCVA	d-N-MeFOSA	**63.7**	70 - 130
SA50002	Calibration Check	S5A1460-CCVA	d-N-EtFOSA	**66.6**	70 - 130

SA50002	Calibration Check	S5A1460-CCVC	d5-N-EtFOSAA	**144**	70 - 130
SA50002	Calibration Check	S5A1460-CCVG	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	**131**	70 - 130
SA50002	Calibration Check	S5A2032-CCV1	d-N-MeFOSA	**68**	70 - 130
SA50002	Calibration Check	S5A2032-CCV1	d-N-EtFOSA	**60.6**	70 - 130
SA50002	Calibration Check	S5A2032-CCV1	M3HFPO-DA	**49.9**	70 - 130
SA50002	Calibration Check	S5A2032-CCV4	M2-6:2 FTS	**53.1**	70 - 130
SA50002	Calibration Check	S5A2032-CCV4	M2-8:2 FTS	**55.8**	70 - 130
SA50002	Calibration Check	S5A2032-CCV4	M2-4:2 FTS	**45.7**	70 - 130
SA50002	Calibration Check	S5A2032-CCV4	d9-N-EtFOSE	**161**	70 - 130
SA50002	Calibration Check	S5A2032-CCV4	d7-N-MeFOSE	**186**	70 - 130
SA50002	Calibration Blank	S5A2032-CCB4	d9-N-EtFOSE	**193**	25 - 150
SA50002	Calibration Blank	S5A2032-CCB4	d7-N-MeFOSE	**190**	25 - 150
SA50002	Calibration Check	S5A2032-CCV5	M2-6:2 FTS	**60.5**	70 - 130
SA50002	Calibration Check	S5A2032-CCV5	M2-8:2 FTS	**60.8**	70 - 130
SA50002	Calibration Check	S5A2032-CCV5	M2-4:2 FTS	**59.9**	70 - 130
SA50002	Calibration Check	S5A2032-CCV5	d9-N-EtFOSE	**152**	70 - 130
SA50002	Calibration Check	S5A2032-CCV5	d7-N-MeFOSE	**139**	70 - 130
SA50002	Calibration Check	S5A2032-CCV7	M2-4:2 FTS	**68.3**	70 - 130

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50014

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50014	S5A0939	S5A0939	Performance Mix	S5A0939-PEM1	PEST7	P7035099.D
SA50014	S5A0939	S5A0939	Secondary Cal Check	S5A0939-SCV1	PEST7	P7035112.D
SA50014	S5A1622	S5A1622	Performance Mix	S5A1622-PEM1	PEST7	P7035324.D
SA50014	S5A1622	S5A1622	Calibration Check	S5A1622-CCV1	PEST7	P7035325.D
SA50014	S5A1622	S5A1622	Calibration Check	S5A1622-CCV2	PEST7	P7035326.D
SA50014	S5A1622	S5A1622	Calibration Check	S5A1622-CCV3	PEST7	P7035327.D
SA50014	BA50856	S5A1622	LCS	BA50856-BS1	PEST7	P7035328.D
SA50014	BA50856	S5A1622	MW004MS1	BA50856-MS1	PEST7	P7035329.D
SA50014	BA50856	S5A1622	MW004MSD1	BA50856-MSD1	PEST7	P7035330.D
SA50014	S5A1622	S5A1622	Calibration Check	S5A1622-CCV4	PEST7	P7035341.D
SA50014	S5A1622	S5A1622	Performance Mix	S5A1622-PEM2	PEST7	P7035343.D
SA50014	S5A1622	S5A1622	Calibration Check	S5A1622-CCV5	PEST7	P7035347.D

Initial calibration for EPA 8081B met method guidelines.

York Analytical Work Order Narrative

EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50014	S5A1622	S5A1622-CCV1	P7035325.D	01/16/25 09:01
SA50014	S5A1622	S5A1622-CCV2	P7035326.D	01/16/25 09:18
SA50014	S5A1622	S5A1622-CCV3	P7035327.D	01/16/25 09:35
SA50014	S5A1622	S5A1622-CCV4	P7035341.D	01/16/25 14:12
SA50014	S5A1622	S5A1622-CCV5	P7035347.D	01/16/25 18:15

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50014	S5A1622-CCV1	4,4'-DDD [2C]	ng/mL	53.5	50.0	**107**			P7035325.D
SA50014	S5A1622-CCV1	4,4'-DDE [2C]	ng/mL	48.4	50.0	**96.7**			P7035325.D
SA50014	S5A1622-CCV1	4,4'-DDT [2C]	ng/mL	48.3	50.0	**96.6**			P7035325.D
SA50014	S5A1622-CCV1	Aldrin [2C]	ng/mL	47.7	50.0	**95.4**			P7035325.D
SA50014	S5A1622-CCV1	alpha-BHC [2C]	ng/mL	44.8	50.0	**89.6**			P7035325.D
SA50014	S5A1622-CCV1	alpha-Chlordane [2C]	ng/mL	48.7	50.0	**97.5**			P7035325.D
SA50014	S5A1622-CCV1	beta-BHC [2C]	ng/mL	52.5	50.0	**105**			P7035325.D
SA50014	S5A1622-CCV1	delta-BHC [2C]	ng/mL	57.5	50.0	**115**			P7035325.D
SA50014	S5A1622-CCV1	Endosulfan I [2C]	ng/mL	49.9	50.0	**99.7**			P7035325.D
SA50014	S5A1622-CCV1	Endosulfan II [2C]	ng/mL	51.0	50.0	**102**			P7035325.D
SA50014	S5A1622-CCV1	Endosulfan sulfate [2C]	ng/mL	54.8	50.0	**110**			P7035325.D
SA50014	S5A1622-CCV1	Endrin [2C]	ng/mL	53.7	50.0	**107**			P7035325.D
SA50014	S5A1622-CCV1	Endrin aldehyde [2C]	ng/mL	58.0	50.0	**116**			P7035325.D
SA50014	S5A1622-CCV1	Endrin ketone [2C]	ng/mL	52.9	50.0	**106**			P7035325.D
SA50014	S5A1622-CCV1	gamma-BHC (Lindane) [2C]	ng/mL	48.0	50.0	**95.9**			P7035325.D
SA50014	S5A1622-CCV1	gamma-Chlordane [2C]	ng/mL	49.0	50.0	**98.1**			P7035325.D
SA50014	S5A1622-CCV1	Heptachlor [2C]	ng/mL	51.3	50.0	**103**			P7035325.D
SA50014	S5A1622-CCV1	Heptachlor epoxide [2C]	ng/mL	49.5	50.0	**99**			P7035325.D
SA50014	S5A1622-CCV1	Methoxychlor [2C]	ng/mL	51.6	50.0	**103**			P7035325.D
SA50014	S5A1622-CCV1	Decachlorobiphenyl	ng/mL	99.4	160	**62.1**	80	120	P7035325.D
SA50014	S5A1622-CCV1	Decachlorobiphenyl [2C]	ng/mL	102	160	**63.6**			P7035325.D
SA50014	S5A1622-CCV1	Tetrachloro-m-xylene	ng/mL	127	160	**79.2**	80	120	P7035325.D
SA50014	S5A1622-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	129	160	**80.8**			P7035325.D
SA50014	S5A1622-CCV3	Toxaphene	ng/mL	2520	2000	**126**	80	120	P7035327.D
SA50014	S5A1622-CCV3	Toxaphene [2C]	ng/mL	2170	2000	**109**			P7035327.D
SA50014	S5A1622-CCV4	4,4'-DDD [2C]	ng/mL	52.6	50.0	**105**			P7035341.D
SA50014	S5A1622-CCV4	4,4'-DDE [2C]	ng/mL	47.0	50.0	**94**			P7035341.D
SA50014	S5A1622-CCV4	4,4'-DDT [2C]	ng/mL	48.8	50.0	**97.6**			P7035341.D
SA50014	S5A1622-CCV4	Aldrin [2C]	ng/mL	45.9	50.0	**91.8**			P7035341.D
SA50014	S5A1622-CCV4	alpha-BHC [2C]	ng/mL	42.8	50.0	**85.6**			P7035341.D
SA50014	S5A1622-CCV4	alpha-Chlordane [2C]	ng/mL	47.0	50.0	**94**			P7035341.D
SA50014	S5A1622-CCV4	beta-BHC [2C]	ng/mL	51.4	50.0	**103**			P7035341.D
SA50014	S5A1622-CCV4	delta-BHC [2C]	ng/mL	55.9	50.0	**112**			P7035341.D
SA50014	S5A1622-CCV4	Endosulfan I [2C]	ng/mL	48.2	50.0	**96.4**			P7035341.D

SA50014	S5A1622-CCV4	Endosulfan II [2C]	ng/mL	49.5	50.0	**99**			P7035341.D
SA50014	S5A1622-CCV4	Endosulfan sulfate [2C]	ng/mL	54.0	50.0	**108**			P7035341.D
SA50014	S5A1622-CCV4	Endrin [2C]	ng/mL	53.9	50.0	**108**			P7035341.D
SA50014	S5A1622-CCV4	Endrin aldehyde [2C]	ng/mL	55.5	50.0	**111**			P7035341.D
SA50014	S5A1622-CCV4	Endrin ketone [2C]	ng/mL	52.4	50.0	**105**			P7035341.D
SA50014	S5A1622-CCV4	gamma-BHC (Lindane) [2C]	ng/mL	46.2	50.0	**92.4**			P7035341.D
SA50014	S5A1622-CCV4	gamma-Chlordane [2C]	ng/mL	47.3	50.0	**94.5**			P7035341.D
SA50014	S5A1622-CCV4	Heptachlor [2C]	ng/mL	50.4	50.0	**101**			P7035341.D
SA50014	S5A1622-CCV4	Heptachlor epoxide [2C]	ng/mL	47.9	50.0	**95.7**			P7035341.D
SA50014	S5A1622-CCV4	Methoxychlor [2C]	ng/mL	52.3	50.0	**105**			P7035341.D
SA50014	S5A1622-CCV4	Decachlorobiphenyl	ng/mL	95.7	160	**59.8**	80	120	P7035341.D
SA50014	S5A1622-CCV4	Decachlorobiphenyl [2C]	ng/mL	94.9	160	**59.3**			P7035341.D
SA50014	S5A1622-CCV4	Tetrachloro-m-xylene	ng/mL	124	160	**77.3**	80	120	P7035341.D
SA50014	S5A1622-CCV4	Tetrachloro-m-xylene [2C]	ng/mL	123	160	**76.7**			P7035341.D
SA50014	S5A1622-CCV5	4,4'-DDD [2C]	ng/mL	55.5	50.0	**111**			P7035347.D
SA50014	S5A1622-CCV5	4,4'-DDE [2C]	ng/mL	50.1	50.0	**100**			P7035347.D
SA50014	S5A1622-CCV5	4,4'-DDT [2C]	ng/mL	53.0	50.0	**106**			P7035347.D
SA50014	S5A1622-CCV5	Aldrin [2C]	ng/mL	49.1	50.0	**98.1**			P7035347.D
SA50014	S5A1622-CCV5	alpha-BHC [2C]	ng/mL	46.4	50.0	**92.7**			P7035347.D
SA50014	S5A1622-CCV5	alpha-Chlordane [2C]	ng/mL	50.1	50.0	**100**			P7035347.D
SA50014	S5A1622-CCV5	beta-BHC [2C]	ng/mL	55.2	50.0	**110**			P7035347.D
SA50014	S5A1622-CCV5	delta-BHC [2C]	ng/mL	60.1	50.0	**120**			P7035347.D
SA50014	S5A1622-CCV5	Endosulfan I [2C]	ng/mL	51.6	50.0	**103**			P7035347.D
SA50014	S5A1622-CCV5	Endosulfan II [2C]	ng/mL	52.4	50.0	**105**			P7035347.D
SA50014	S5A1622-CCV5	Endosulfan sulfate [2C]	ng/mL	57.2	50.0	**114**			P7035347.D
SA50014	S5A1622-CCV5	Endrin [2C]	ng/mL	58.0	50.0	**116**			P7035347.D
SA50014	S5A1622-CCV5	Endrin aldehyde [2C]	ng/mL	57.9	50.0	**116**			P7035347.D
SA50014	S5A1622-CCV5	Endrin ketone [2C]	ng/mL	53.2	50.0	**106**			P7035347.D
SA50014	S5A1622-CCV5	gamma-BHC (Lindane) [2C]	ng/mL	49.6	50.0	**99.2**			P7035347.D
SA50014	S5A1622-CCV5	gamma-Chlordane [2C]	ng/mL	50.4	50.0	**101**			P7035347.D
SA50014	S5A1622-CCV5	Heptachlor [2C]	ng/mL	54.9	50.0	**110**			P7035347.D
SA50014	S5A1622-CCV5	Heptachlor epoxide [2C]	ng/mL	51.3	50.0	**103**			P7035347.D
SA50014	S5A1622-CCV5	Methoxychlor [2C]	ng/mL	53.7	50.0	**107**			P7035347.D
SA50014	S5A1622-CCV5	Decachlorobiphenyl	ng/mL	66.2	160	**41.4**	80	120	P7035347.D
SA50014	S5A1622-CCV5	Decachlorobiphenyl [2C]	ng/mL	66.1	160	**41.3**			P7035347.D
SA50014	S5A1622-CCV5	Tetrachloro-m-xylene [2C]	ng/mL	130	160	**81.3**			P7035347.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50014	S5A1622	S5A1622-PEM1	Performance Mix		P7035324.D
SA50014	S5A1622	BA50856-BS1	LCS		P7035328.D
SA50014	S5A1622	BA50856-MS1	Matrix Spike	MW004	P7035329.D
SA50014	S5A1622	BA50856-MSD1	Matrix Spike Dup	MW004	P7035330.D
SA50014	S5A1622	S5A1622-PEM2	Performance Mix		P7035343.D

York Analytical Work Order Narrative

EPA 8081B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50014	5A1622	BA50856-BS1	LCS	P7035328.D

EPA 8081B

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PEST	**SA50014**	BA50856	S5A1622	MW004MS1	25A0590-11	MW004	BA50856-MS1
PEST	**SA50014**	BA50856	S5A1622	MW004MSD1	25A0590-11	MW004	BA50856-MSD1

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1622	MW004MSD1	25A0590-11	BA50856-MSD1	Heptachlor	28.4	20	

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50758	SB006 (0-2 IN)	25A0590-01	5
EPA 8081B	BA50758	SB006 (2 IN -24 IN)	25A0590-02	5
EPA 8081B	BA50758	SB006 (6- 8 FT)	25A0590-03	5
EPA 8081B	BA50758	SB007 (0-2IN)	25A0590-04	5
EPA 8081B	BA50758	SB007 (2IN -24IN)	25A0590-05	5
EPA 8081B	BA50758	SB007 (6-8FT)	25A0590-06	5
EPA 8081B	BA50758	UICO11	25A0590-07	5

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EPA 8081B

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50014	Calibration Check	S5A1622-CCV1	Decachlorobiphenyl	**62.1**	80 - 120
SA50014	Calibration Check	S5A1622-CCV1	Decachlorobiphenyl [2C]	**63.6**	-
SA50014	Calibration Check	S5A1622-CCV1	Tetrachloro-m-xylene	**79.2**	80 - 120
SA50014	Calibration Check	S5A1622-CCV1	Tetrachloro-m-xylene [2C]	**80.8**	-
SA50014	Calibration Check	S5A1622-CCV4	Decachlorobiphenyl	**59.8**	80 - 120
SA50014	Calibration Check	S5A1622-CCV4	Decachlorobiphenyl [2C]	**59.3**	-
SA50014	Calibration Check	S5A1622-CCV4	Tetrachloro-m-xylene	**77.3**	80 - 120
SA50014	Calibration Check	S5A1622-CCV4	Tetrachloro-m-xylene [2C]	**76.7**	-
SA50014	Calibration Check	S5A1622-CCV5	Decachlorobiphenyl	**41.4**	80 - 120
SA50014	Calibration Check	S5A1622-CCV5	Decachlorobiphenyl [2C]	**41.3**	-
SA50014	Calibration Check	S5A1622-CCV5	Tetrachloro-m-xylene [2C]	**81.3**	-

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50019

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50019	S5A1320	S5A1320	Performance Mix	S5A1320-PEM1	GC_5890_I	P20526950.d
SA50019	S5A1320	S5A1320	Secondary Cal Check	S5A1320-SCV1	GC_5890_I	P20526963.d
SA50019	S5A1604	S5A1604	Performance Mix	S5A1604-PEM1	GC_5890_I	P20527068.d
SA50019	S5A1604	S5A1604	Calibration Check	S5A1604-CCV1	GC_5890_I	P20527069.d
SA50019	S5A1604	S5A1604	Calibration Check	S5A1604-CCV2	GC_5890_I	P20527071.d
SA50019	S5A1604	S5A1604	Calibration Check	S5A1604-CCV3	GC_5890_I	P20527072.d
SA50019	S5A1604	S5A1604	Calibration Check	S5A1604-CCV4	GC_5890_I	P20527084.d
SA50019	S5A1604	S5A1604	Performance Mix	S5A1604-PEM2	GC_5890_I	P20527085.d
SA50019	BA50856	S5A1604	Blank	BA50856-BLK1	GC_5890_I	P20527086.d
SA50019	BA50856	S5A1604	MW001	25A0590-08	GC_5890_I	P20527094.d
SA50019	BA50856	S5A1604	MW002	25A0590-09	GC_5890_I	P20527095.d
SA50019	S5A1604	S5A1604	Calibration Check	S5A1604-CCV5	GC_5890_I	P20527097.d
SA50019	BA50856	S5A1604	MW003	25A0590-10	GC_5890_I	P20527098.d
SA50019	BA50856	S5A1604	MW004	25A0590-11	GC_5890_I	P20527099.d
SA50019	BA50856	S5A1604	MW00X	25A0590-12	GC_5890_I	P20527100.d
SA50019	BA50856	S5A1604	Equipment Blank 1/9/25	25A0590-13	GC_5890_I	P20527101.d
SA50019	BA50856	S5A1604	Field Blank 1/9/25	25A0590-14	GC_5890_I	P20527102.d
SA50019	S5A1604	S5A1604	Calibration Check	S5A1604-CCV6	GC_5890_I	P20527105.d

Initial calibration for EPA 8081B met method guidelines.

York Analytical Work Order Narrative

EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SA50019	S5A1320-SCV1	4,4'-DDD	50.0	52.1	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDD [2C]	50.0	52.2	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDE	50.0	52.3	**105**	-
SA50019	S5A1320-SCV1	4,4'-DDE [2C]	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	4,4'-DDT	50.0	52.2	**104**	-
SA50019	S5A1320-SCV1	4,4'-DDT [2C]	50.0	52.0	**104**	-
SA50019	S5A1320-SCV1	Aldrin	50.0	53.3	**107**	-
SA50019	S5A1320-SCV1	Aldrin [2C]	50.0	53.0	**106**	-
SA50019	S5A1320-SCV1	alpha-BHC	50.0	53.6	**107**	-
SA50019	S5A1320-SCV1	alpha-BHC [2C]	50.0	53.4	**107**	-
SA50019	S5A1320-SCV1	alpha-Chlordane	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	alpha-Chlordane [2C]	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	beta-BHC	50.0	55.3	**111**	-
SA50019	S5A1320-SCV1	beta-BHC [2C]	50.0	55.1	**110**	-
SA50019	S5A1320-SCV1	Decachlorobiphenyl	160	172	**108**	-
SA50019	S5A1320-SCV1	Decachlorobiphenyl [2C]	160	167	**104**	-
SA50019	S5A1320-SCV1	delta-BHC	50.0	54.7	**109**	-
SA50019	S5A1320-SCV1	delta-BHC [2C]	50.0	54.4	**109**	-
SA50019	S5A1320-SCV1	Dieldrin	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Endosulfan I	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endosulfan I [2C]	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Endosulfan II	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Endosulfan II [2C]	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Endosulfan sulfate	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Endosulfan sulfate [2C]	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Endrin	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endrin [2C]	50.0	52.5	**105**	-
SA50019	S5A1320-SCV1	Endrin aldehyde	50.0	55.0	**110**	-
SA50019	S5A1320-SCV1	Endrin aldehyde [2C]	50.0	54.6	**109**	-
SA50019	S5A1320-SCV1	Endrin ketone	50.0	52.4	**105**	-
SA50019	S5A1320-SCV1	Endrin ketone [2C]	50.0	52.3	**105**	-
SA50019	S5A1320-SCV1	gamma-BHC (Lindane)	50.0	53.5	**107**	-
SA50019	S5A1320-SCV1	gamma-BHC (Lindane) [2C]	50.0	53.6	**107**	-
SA50019	S5A1320-SCV1	gamma-Chlordane	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	gamma-Chlordane [2C]	50.0	52.6	**105**	-
SA50019	S5A1320-SCV1	Heptachlor	50.0	53.7	**107**	-
SA50019	S5A1320-SCV1	Heptachlor [2C]	50.0	53.4	**107**	-
SA50019	S5A1320-SCV1	Heptachlor epoxide	50.0	53.1	**106**	-
SA50019	S5A1320-SCV1	Heptachlor epoxide [2C]	50.0	53.1	**106**	-
SA50019	S5A1320-SCV1	Methoxychlor	50.0	52.8	**106**	-
SA50019	S5A1320-SCV1	Methoxychlor [2C]	50.0	51.9	**104**	-
SA50019	S5A1320-SCV1	Tetrachloro-m-xylene	160	181	**113**	-
SA50019	S5A1320-SCV1	Tetrachloro-m-xylene [2C]	160	176	**110**	-

The following QC and or client samples were affected:

York Analytical Work Order Narrative

LabNumber	SampleName	File ID
S5A1320-PEM1	Performance Mix	P20526950.d
S5A1604-PEM1	Performance Mix	P20527068.d
S5A1604-CCV1	Calibration Check	P20527069.d
S5A1604-CCV4	Calibration Check	P20527084.d
S5A1604-PEM2	Performance Mix	P20527085.d
BA50856-BLK1	Blank	P20527086.d
25A0590-08	MW001	P20527094.d
25A0590-09	MW002	P20527095.d
S5A1604-CCV5	Calibration Check	P20527097.d
25A0590-11	MW004	P20527099.d
25A0590-12	MW00X	P20527100.d
S5A1604-CCV6	Calibration Check	P20527105.d

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50019	S5A1604	S5A1604-CCV1	P20527069.d	01/15/25 09:54
SA50019	S5A1604	S5A1604-CCV2	P20527071.d	01/15/25 11:55
SA50019	S5A1604	S5A1604-CCV3	P20527072.d	01/15/25 12:11
SA50019	S5A1604	S5A1604-CCV4	P20527084.d	01/15/25 15:17
SA50019	S5A1604	S5A1604-CCV5	P20527097.d	01/15/25 21:45
SA50019	S5A1604	S5A1604-CCV6	P20527105.d	01/15/25 23:48

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50019	S5A1604-CCV1	4,4'-DDD [2C]	ng/mL	54.0	50.0	**108**			P20527069.d
SA50019	S5A1604-CCV1	4,4'-DDE [2C]	ng/mL	54.7	50.0	**109**			P20527069.d
SA50019	S5A1604-CCV1	4,4'-DDT [2C]	ng/mL	57.2	50.0	**114**			P20527069.d
SA50019	S5A1604-CCV1	Aldrin [2C]	ng/mL	54.1	50.0	**108**			P20527069.d
SA50019	S5A1604-CCV1	alpha-BHC [2C]	ng/mL	54.7	50.0	**109**			P20527069.d
SA50019	S5A1604-CCV1	alpha-Chlordane [2C]	ng/mL	54.1	50.0	**108**			P20527069.d
SA50019	S5A1604-CCV1	beta-BHC [2C]	ng/mL	55.7	50.0	**111**			P20527069.d
SA50019	S5A1604-CCV1	delta-BHC [2C]	ng/mL	54.5	50.0	**109**			P20527069.d
SA50019	S5A1604-CCV1	Endosulfan I [2C]	ng/mL	54.0	50.0	**108**			P20527069.d
SA50019	S5A1604-CCV1	Endosulfan II [2C]	ng/mL	53.7	50.0	**107**			P20527069.d
SA50019	S5A1604-CCV1	Endosulfan sulfate [2C]	ng/mL	54.9	50.0	**110**			P20527069.d
SA50019	S5A1604-CCV1	Endrin [2C]	ng/mL	57.9	50.0	**116**			P20527069.d
SA50019	S5A1604-CCV1	Endrin aldehyde [2C]	ng/mL	53.7	50.0	**107**			P20527069.d
SA50019	S5A1604-CCV1	Endrin ketone [2C]	ng/mL	53.9	50.0	**108**			P20527069.d
SA50019	S5A1604-CCV1	gamma-BHC (Lindane) [2C]	ng/mL	55.2	50.0	**110**			P20527069.d
SA50019	S5A1604-CCV1	gamma-Chlordane [2C]	ng/mL	54.2	50.0	**108**			P20527069.d
SA50019	S5A1604-CCV1	Heptachlor [2C]	ng/mL	56.6	50.0	**113**			P20527069.d
SA50019	S5A1604-CCV1	Heptachlor epoxide [2C]	ng/mL	54.7	50.0	**109**			P20527069.d
SA50019	S5A1604-CCV1	Methoxychlor [2C]	ng/mL	58.2	50.0	**116**			P20527069.d
SA50019	S5A1604-CCV1	Decachlorobiphenyl	ng/mL	125	160	**78.2**	80	120	P20527069.d
SA50019	S5A1604-CCV1	Decachlorobiphenyl [2C]	ng/mL	131	160	**81.6**			P20527069.d
SA50019	S5A1604-CCV1	Tetrachloro-m-xylene	ng/mL	127	160	**79.2**	80	120	P20527069.d
SA50019	S5A1604-CCV1	Tetrachloro-m-xylene [2C]	ng/mL	131	160	**81.6**			P20527069.d
SA50019	S5A1604-CCV2	Chlordane, total	ng/mL	1280	1000	**128**	80	120	P20527071.d
SA50019	S5A1604-CCV3	Toxaphene	ng/mL	2970	2000	**148**	80	120	P20527072.d
SA50019	S5A1604-CCV3	Toxaphene [2C]	ng/mL	2280	2000	**114**			P20527072.d

SA50019	S5A1604-CCV4	4,4'-DDD [2C]	ng/mL	49.6	50.0	**99.2**			P20527084.d
SA50019	S5A1604-CCV4	4,4'-DDE [2C]	ng/mL	50.3	50.0	**101**			P20527084.d
SA50019	S5A1604-CCV4	4,4'-DDT [2C]	ng/mL	43.0	50.0	**86.1**			P20527084.d
SA50019	S5A1604-CCV4	Aldrin [2C]	ng/mL	52.1	50.0	**104**			P20527084.d
SA50019	S5A1604-CCV4	alpha-BHC [2C]	ng/mL	51.3	50.0	**103**			P20527084.d
SA50019	S5A1604-CCV4	alpha-Chlordane [2C]	ng/mL	50.2	50.0	**100**			P20527084.d
SA50019	S5A1604-CCV4	beta-BHC [2C]	ng/mL	50.4	50.0	**101**			P20527084.d
SA50019	S5A1604-CCV4	delta-BHC [2C]	ng/mL	49.2	50.0	**98.3**			P20527084.d
SA50019	S5A1604-CCV4	Endosulfan I [2C]	ng/mL	50.1	50.0	**100**			P20527084.d
SA50019	S5A1604-CCV4	Endosulfan II [2C]	ng/mL	49.8	50.0	**99.6**			P20527084.d
SA50019	S5A1604-CCV4	Endosulfan sulfate [2C]	ng/mL	50.9	50.0	**102**			P20527084.d
SA50019	S5A1604-CCV4	Endrin [2C]	ng/mL	42.3	50.0	**84.6**			P20527084.d
SA50019	S5A1604-CCV4	Endrin aldehyde [2C]	ng/mL	53.9	50.0	**108**			P20527084.d
SA50019	S5A1604-CCV4	Endrin ketone [2C]	ng/mL	49.4	50.0	**98.7**			P20527084.d
SA50019	S5A1604-CCV4	gamma-BHC (Lindane) [2C]	ng/mL	50.7	50.0	**101**			P20527084.d
SA50019	S5A1604-CCV4	gamma-Chlordane [2C]	ng/mL	50.3	50.0	**101**			P20527084.d
SA50019	S5A1604-CCV4	Heptachlor [2C]	ng/mL	49.3	50.0	**98.6**			P20527084.d
SA50019	S5A1604-CCV4	Heptachlor epoxide [2C]	ng/mL	49.8	50.0	**99.5**			P20527084.d
SA50019	S5A1604-CCV4	Methoxychlor [2C]	ng/mL	46.4	50.0	**92.8**			P20527084.d
SA50019	S5A1604-CCV4	Decachlorobiphenyl [2C]	ng/mL	127	160	**79.7**			P20527084.d
SA50019	S5A1604-CCV4	Tetrachloro-m-xylene	ng/mL	124	160	**77.7**	80	120	P20527084.d
SA50019	S5A1604-CCV4	Tetrachloro-m-xylene [2C]	ng/mL	125	160	**78.3**			P20527084.d
SA50019	S5A1604-CCV5	4,4'-DDD [2C]	ng/mL	57.9	50.0	**116**			P20527097.d
SA50019	S5A1604-CCV5	4,4'-DDE [2C]	ng/mL	51.4	50.0	**103**			P20527097.d
SA50019	S5A1604-CCV5	4,4'-DDT [2C]	ng/mL	60.7	50.0	**121**			P20527097.d
SA50019	S5A1604-CCV5	Aldrin [2C]	ng/mL	51.6	50.0	**103**			P20527097.d
SA50019	S5A1604-CCV5	alpha-BHC [2C]	ng/mL	53.5	50.0	**107**			P20527097.d
SA50019	S5A1604-CCV5	alpha-Chlordane [2C]	ng/mL	51.7	50.0	**103**			P20527097.d
SA50019	S5A1604-CCV5	beta-BHC [2C]	ng/mL	54.4	50.0	**109**			P20527097.d
SA50019	S5A1604-CCV5	delta-BHC [2C]	ng/mL	54.1	50.0	**108**			P20527097.d
SA50019	S5A1604-CCV5	Endosulfan I [2C]	ng/mL	52.8	50.0	**106**			P20527097.d
SA50019	S5A1604-CCV5	Endosulfan II [2C]	ng/mL	52.2	50.0	**104**			P20527097.d
SA50019	S5A1604-CCV5	Endosulfan sulfate [2C]	ng/mL	55.8	50.0	**112**			P20527097.d
SA50019	S5A1604-CCV5	Endrin [2C]	ng/mL	59.3	50.0	**119**			P20527097.d
SA50019	S5A1604-CCV5	Endrin aldehyde [2C]	ng/mL	53.7	50.0	**107**			P20527097.d
SA50019	S5A1604-CCV5	Endrin ketone [2C]	ng/mL	54.9	50.0	**110**			P20527097.d
SA50019	S5A1604-CCV5	gamma-BHC (Lindane) [2C]	ng/mL	55.3	50.0	**111**			P20527097.d
SA50019	S5A1604-CCV5	gamma-Chlordane [2C]	ng/mL	52.4	50.0	**105**			P20527097.d
SA50019	S5A1604-CCV5	Heptachlor [2C]	ng/mL	56.5	50.0	**113**			P20527097.d
SA50019	S5A1604-CCV5	Heptachlor epoxide [2C]	ng/mL	53.4	50.0	**107**			P20527097.d
SA50019	S5A1604-CCV5	Methoxychlor	ng/mL	66.7	50.0	**133**	80	120	P20527097.d
SA50019	S5A1604-CCV5	Methoxychlor [2C]	ng/mL	65.8	50.0	**132**			P20527097.d
SA50019	S5A1604-CCV5	Decachlorobiphenyl	ng/mL	127	160	**79.1**	80	120	P20527097.d
SA50019	S5A1604-CCV5	Decachlorobiphenyl [2C]	ng/mL	121	160	**75.6**			P20527097.d
SA50019	S5A1604-CCV5	Tetrachloro-m-xylene	ng/mL	126	160	**78.6**	80	120	P20527097.d
SA50019	S5A1604-CCV5	Tetrachloro-m-xylene [2C]	ng/mL	125	160	**78.4**			P20527097.d
SA50019	S5A1604-CCV6	4,4'-DDD [2C]	ng/mL	57.9	50.0	**116**			P20527105.d
SA50019	S5A1604-CCV6	4,4'-DDE [2C]	ng/mL	50.9	50.0	**102**			P20527105.d
SA50019	S5A1604-CCV6	4,4'-DDT [2C]	ng/mL	61.1	50.0	**122**			P20527105.d

SA50019	S5A1604-CCV6	Aldrin [2C]	ng/mL	51.3	50.0	**103**			P20527105.d
SA50019	S5A1604-CCV6	alpha-BHC [2C]	ng/mL	53.9	50.0	**108**			P20527105.d
SA50019	S5A1604-CCV6	alpha-Chlordane [2C]	ng/mL	51.2	50.0	**102**			P20527105.d
SA50019	S5A1604-CCV6	beta-BHC [2C]	ng/mL	53.6	50.0	**107**			P20527105.d
SA50019	S5A1604-CCV6	delta-BHC [2C]	ng/mL	53.2	50.0	**106**			P20527105.d
SA50019	S5A1604-CCV6	Endosulfan I [2C]	ng/mL	52.3	50.0	**105**			P20527105.d
SA50019	S5A1604-CCV6	Endosulfan II [2C]	ng/mL	51.7	50.0	**103**			P20527105.d
SA50019	S5A1604-CCV6	Endosulfan sulfate [2C]	ng/mL	56.0	50.0	**112**			P20527105.d
SA50019	S5A1604-CCV6	Endrin [2C]	ng/mL	58.3	50.0	**117**			P20527105.d
SA50019	S5A1604-CCV6	Endrin aldehyde [2C]	ng/mL	53.2	50.0	**106**			P20527105.d
SA50019	S5A1604-CCV6	Endrin ketone [2C]	ng/mL	55.9	50.0	**112**			P20527105.d
SA50019	S5A1604-CCV6	gamma-BHC (Lindane) [2C]	ng/mL	55.6	50.0	**111**			P20527105.d
SA50019	S5A1604-CCV6	gamma-Chlordane [2C]	ng/mL	51.7	50.0	**103**			P20527105.d
SA50019	S5A1604-CCV6	Heptachlor [2C]	ng/mL	56.0	50.0	**112**			P20527105.d
SA50019	S5A1604-CCV6	Heptachlor epoxide [2C]	ng/mL	52.5	50.0	**105**			P20527105.d
SA50019	S5A1604-CCV6	Methoxychlor	ng/mL	67.9	50.0	**136**	80	120	P20527105.d
SA50019	S5A1604-CCV6	Methoxychlor [2C]	ng/mL	67.7	50.0	**135**			P20527105.d
SA50019	S5A1604-CCV6	Decachlorobiphenyl [2C]	ng/mL	124	160	**77.5**			P20527105.d
SA50019	S5A1604-CCV6	Tetrachloro-m-xylene	ng/mL	128	160	**79.8**	80	120	P20527105.d
SA50019	S5A1604-CCV6	Tetrachloro-m-xylene [2C]	ng/mL	128	160	**79.8**			P20527105.d

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50019	S5A1604	S5A1604-PEM1	Performance Mix		P20527068.d
SA50019	S5A1604	S5A1604-PEM2	Performance Mix		P20527085.d
SA50019	S5A1604	BA50856-BLK1	Blank		P20527086.d
SA50019	S5A1604	25A0590-08	MW001		P20527094.d
SA50019	S5A1604	25A0590-09	MW002		P20527095.d
SA50019	S5A1604	25A0590-10	MW003		P20527098.d
SA50019	S5A1604	25A0590-11	MW004		P20527099.d
SA50019	S5A1604	25A0590-12	MW00X		P20527100.d
SA50019	S5A1604	25A0590-13	Equipment Blank 1/9/		P20527101.d
SA50019	S5A1604	25A0590-14	Field Blank 1/9/25		P20527102.d

EPA 8081B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
PEST	BA50856	S5A1604	GC_5890_I	BA50856-BLK1	P20527086.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

York Analytical Work Order Narrative

EPA 8081B

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8081B	BA50758	SB006 (0-2 IN)	25A0590-01	5
EPA 8081B	BA50758	SB006 (2 IN -24 IN)	25A0590-02	5
EPA 8081B	BA50758	SB006 (6- 8 FT)	25A0590-03	5
EPA 8081B	BA50758	SB007 (0-2IN)	25A0590-04	5
EPA 8081B	BA50758	SB007 (2IN -24IN)	25A0590-05	5
EPA 8081B	BA50758	SB007 (6-8FT)	25A0590-06	5
EPA 8081B	BA50758	UICO11	25A0590-07	5

EPA 8081B

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50019	Secondary Cal Check	S5A1320-SCV1	Decachlorobiphenyl	**108**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Decachlorobiphenyl [2C]	**104**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Tetrachloro-m-xylene	**113**	-
SA50019	Secondary Cal Check	S5A1320-SCV1	Tetrachloro-m-xylene [2C]	**110**	-
SA50019	Calibration Check	S5A1604-CCV1	Decachlorobiphenyl	**78.2**	80 - 120
SA50019	Calibration Check	S5A1604-CCV1	Decachlorobiphenyl [2C]	**81.6**	-
SA50019	Calibration Check	S5A1604-CCV1	Tetrachloro-m-xylene	**79.2**	80 - 120
SA50019	Calibration Check	S5A1604-CCV1	Tetrachloro-m-xylene [2C]	**81.6**	-
SA50019	Calibration Check	S5A1604-CCV4	Decachlorobiphenyl [2C]	**79.7**	-
SA50019	Calibration Check	S5A1604-CCV4	Tetrachloro-m-xylene	**77.7**	80 - 120
SA50019	Calibration Check	S5A1604-CCV4	Tetrachloro-m-xylene [2C]	**78.3**	-
SA50019	Calibration Check	S5A1604-CCV5	Decachlorobiphenyl	**79.1**	80 - 120
SA50019	Calibration Check	S5A1604-CCV5	Decachlorobiphenyl [2C]	**75.6**	-
SA50019	Calibration Check	S5A1604-CCV5	Tetrachloro-m-xylene	**78.6**	80 - 120
SA50019	Calibration Check	S5A1604-CCV5	Tetrachloro-m-xylene [2C]	**78.4**	-
SA50019	Calibration Check	S5A1604-CCV6	Decachlorobiphenyl [2C]	**77.5**	-
SA50019	Calibration Check	S5A1604-CCV6	Tetrachloro-m-xylene	**79.8**	80 - 120
SA50019	Calibration Check	S5A1604-CCV6	Tetrachloro-m-xylene [2C]	**79.8**	-

4.0 Analysis Issues

EPA 8081B

PEST, 8081 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50030

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50030	S5A1504	S5A1504	Performance Mix	S5A1504-PEM1	Pest#8	P8-4002445.D
SA50030	S5A1504	S5A1504	Secondary Cal Check	S5A1504-SCV1	Pest#8	P8-4002455.D
SA50030	S5A1507	S5A1507	Performance Mix	S5A1507-PEM1	Pest#8	P8-4002479.D
SA50030	S5A1507	S5A1507	Calibration Check	S5A1507-CCV1	Pest#8	P8-4002480.D
SA50030	S5A1507	S5A1507	Calibration Check	S5A1507-CCV2	Pest#8	P8-4002482.D
SA50030	S5A1507	S5A1507	Calibration Check	S5A1507-CCV3	Pest#8	P8-4002483.D
SA50030	BA50758	S5A1507	Blank	BA50758-BLK1	Pest#8	P8-4002484.D
SA50030	BA50758	S5A1507	LCS	BA50758-BS1	Pest#8	P8-4002485.D
SA50030	BA50758	S5A1507	SB006 (0-2 IN)	25A0590-01	Pest#8	P8-4002486.D
SA50030	BA50758	S5A1507	SB006 (2 IN -24 IN)	25A0590-02	Pest#8	P8-4002487.D
SA50030	BA50758	S5A1507	SB006 (6- 8 FT)	25A0590-03	Pest#8	P8-4002488.D
SA50030	BA50758	S5A1507	SB007 (0-2IN)	25A0590-04	Pest#8	P8-4002489.D
SA50030	BA50758	S5A1507	SB007 (2IN -24IN)	25A0590-05	Pest#8	P8-4002490.D
SA50030	BA50758	S5A1507	SB007 (6-8FT)	25A0590-06	Pest#8	P8-4002491.D
SA50030	BA50758	S5A1507	UICO11	25A0590-07	Pest#8	P8-4002492.D
SA50030	BA50758	S5A1507	SB007 (6-8FT)MS1	BA50758-MS1	Pest#8	P8-4002497.D
SA50030	BA50758	S5A1507	SB007 (6-8FT)MSD1	BA50758-MSD1	Pest#8	P8-4002498.D
SA50030	S5A1507	S5A1507	Calibration Check	S5A1507-CCV4	Pest#8	P8-4002506.D
SA50030	S5A1507	S5A1507	Performance Mix	S5A1507-PEM2	Pest#8	P8-4002508.D
SA50030	S5A1507	S5A1507	Calibration Check	S5A1507-CCV5	Pest#8	P8-4002519.D

Initial calibration for EPA 8081B met method guidelines.

York Analytical Work Order Narrative

EPA 8081B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8081B

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50030	S5A1507	S5A1507-CCV1	P8-4002480.D	01/14/25 18:04
SA50030	S5A1507	S5A1507-CCV2	P8-4002482.D	01/14/25 18:31
SA50030	S5A1507	S5A1507-CCV3	P8-4002483.D	01/14/25 18:58
SA50030	S5A1507	S5A1507-CCV4	P8-4002506.D	01/15/25 00:01
SA50030	S5A1507	S5A1507-CCV5	P8-4002519.D	01/15/25 02:52

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SA50030	S5A1507-CCV1	Decachlorobiphenyl	ng/mL	120	160	**74.8**	80	120	P8-4002480.D
SA50030	S5A1507-CCV1	Decachlorobiphenyl [2C]	ng/mL	117	160	**73.1**	80	120	P8-4002480.D
SA50030	S5A1507-CCV4	Heptachlor	ng/mL	63.2	50.0	**126**	80	120	P8-4002506.D
SA50030	S5A1507-CCV4	Decachlorobiphenyl	ng/mL	105	160	**65.9**	80	120	P8-4002506.D
SA50030	S5A1507-CCV4	Decachlorobiphenyl [2C]	ng/mL	109	160	**68.4**	80	120	P8-4002506.D
SA50030	S5A1507-CCV5	4,4'-DDD	ng/mL	65.4	50.0	**131**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	4,4'-DDE	ng/mL	60.5	50.0	**121**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	4,4'-DDT	ng/mL	69.5	50.0	**139**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Aldrin	ng/mL	61.5	50.0	**123**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	alpha-BHC	ng/mL	62.2	50.0	**124**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	alpha-Chlordane	ng/mL	60.7	50.0	**121**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	delta-BHC	ng/mL	63.2	50.0	**126**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Dieldrin	ng/mL	61.3	50.0	**123**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Endosulfan I	ng/mL	61.1	50.0	**122**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Endosulfan II	ng/mL	60.5	50.0	**121**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Endrin	ng/mL	64.3	50.0	**129**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Endrin ketone	ng/mL	64.4	50.0	**129**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	gamma-BHC (Lindane)	ng/mL	62.7	50.0	**125**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	gamma-Chlordane	ng/mL	61.2	50.0	**122**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Heptachlor	ng/mL	71.9	50.0	**144**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Heptachlor epoxide	ng/mL	62.6	50.0	**125**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Methoxychlor	ng/mL	70.8	50.0	**142**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Decachlorobiphenyl	ng/mL	123	160	**77.1**	80	120	P8-4002519.D
SA50030	S5A1507-CCV5	Decachlorobiphenyl [2C]	ng/mL	119	160	**74.3**	80	120	P8-4002519.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50030	S5A1507	S5A1507-PEM1	Performance Mix		P8-4002479.D
SA50030	S5A1507	BA50758-BLK1	Blank		P8-4002484.D
SA50030	S5A1507	BA50758-BS1	LCS		P8-4002485.D
SA50030	S5A1507	25A0590-01	SB006 (0-2 IN)		P8-4002486.D
SA50030	S5A1507	BA50758-MS1	Matrix Spike	SB007 (6-8FT)	P8-4002497.D
SA50030	S5A1507	BA50758-MSD1	Matrix Spike Dup	SB007 (6-8FT)	P8-4002498.D
SA50030	S5A1507	S5A1507-PEM2	Performance Mix		P8-4002508.D

York Analytical Work Order Narrative

EPA 8081B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
PEST	BA50758	S5A1507	Pest#8	BA50758-BLK1	P8-4002484.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50030	5A1507	BA50758-BS1	LCS	P8-4002485.D

EPA 8081B

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
PEST	**SA50030**	BA50758	S5A1507	SB007 (6-8FT)MS1	25A0590-06	SB007 (6-8FT)	BA50758-MS1
PEST	**SA50030**	BA50758	S5A1507	SB007 (6-8FT)MSD1	25A0590-06	SB007 (6-8FT)	BA50758-MSD1

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA 8081B	BA50758	SB006 (0-2 IN)	25A0590-01	5
	EPA 8081B	BA50758	SB006 (2 IN -24 IN)	25A0590-02	5
	EPA 8081B	BA50758	SB006 (6- 8 FT)	25A0590-03	5
	EPA 8081B	BA50758	SB007 (0-2IN)	25A0590-04	5
	EPA 8081B	BA50758	SB007 (2IN -24IN)	25A0590-05	5
	EPA 8081B	BA50758	SB007 (6-8FT)	25A0590-06	5
	EPA 8081B	BA50758	UICO11	25A0590-07	5

EPA 8081B

Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50030	Calibration Check	S5A1507-CCV1	Decachlorobiphenyl	**74.8**	80 - 120
SA50030	Calibration Check	S5A1507-CCV1	Decachlorobiphenyl [2C]	**73.1**	80 - 120
SA50030	Calibration Check	S5A1507-CCV4	Decachlorobiphenyl	**65.9**	80 - 120
SA50030	Calibration Check	S5A1507-CCV4	Decachlorobiphenyl [2C]	**68.4**	80 - 120
SA50030	Calibration Check	S5A1507-CCV5	Decachlorobiphenyl	**77.1**	80 - 120
SA50030	Calibration Check	S5A1507-CCV5	Decachlorobiphenyl [2C]	**74.3**	80 - 120

4.0 Analysis Issues

EPA 8082A

PCB, 8082 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SA50010

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SA50010	S5A0810	S5A0810	Secondary Cal Check	S5A0810-SCV1	ECD#1	P1160854.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV1	ECD#1	P1161135.D
SA50010	S5A1432	S5A1432	Aroclor Reference	S5A1432-ARC1	ECD#1	P1161136.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV2	ECD#1	P1161154.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV3	ECD#1	P1161175.D
SA50010	BA50758	S5A1432	Blank	BA50758-BLK2	ECD#1	P1161176.D
SA50010	BA50758	S5A1432	LCS	BA50758-BS2	ECD#1	P1161177.D
SA50010	BA50758	S5A1432	SB007 (6-8FT)MS2	BA50758-MS2	ECD#1	P1161178.D
SA50010	BA50758	S5A1432	SB007 (6-8FT)MSD2	BA50758-MSD2	ECD#1	P1161179.D
SA50010	BA50758	S5A1432	SB006 (0-2 IN)	25A0590-01	ECD#1	P1161180.D
SA50010	BA50758	S5A1432	SB006 (2 IN -24 IN)	25A0590-02	ECD#1	P1161181.D
SA50010	BA50758	S5A1432	SB006 (6- 8 FT)	25A0590-03	ECD#1	P1161182.D
SA50010	BA50758	S5A1432	SB007 (0-2IN)	25A0590-04	ECD#1	P1161183.D
SA50010	BA50758	S5A1432	SB007 (2IN -24IN)	25A0590-05	ECD#1	P1161184.D
SA50010	BA50758	S5A1432	SB007 (6-8FT)	25A0590-06	ECD#1	P1161185.D
SA50010	BA50758	S5A1432	UICO11	25A0590-07	ECD#1	P1161186.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV4	ECD#1	P1161197.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV5	ECD#1	P1161210.D
SA50010	S5A1432	S5A1432	Calibration Check	S5A1432-CCV6	ECD#1	P1161217.D
SA50010	S5A1620	S5A1620	Calibration Check	S5A1620-CCV1	ECD#1	P1161220.D
SA50010	S5A1620	S5A1620	Aroclor Reference	S5A1620-ARC1	ECD#1	P1161221.D
SA50010	S5A1620	S5A1620	Calibration Check	S5A1620-CCV2	ECD#1	P1161243.D
SA50010	BA50856	S5A1620	Blank	BA50856-BLK2	ECD#1	P1161258.D
SA50010	BA50856	S5A1620	LCS	BA50856-BS2	ECD#1	P1161259.D
SA50010	BA50856	S5A1620	MW004MS2	BA50856-MS2	ECD#1	P1161260.D
SA50010	BA50856	S5A1620	MW004MSD2	BA50856-MSD2	ECD#1	P1161261.D
SA50010	S5A1620	S5A1620	Calibration Check	S5A1620-CCV3	ECD#1	P1161265.D
SA50010	BA50856	S5A1620	MW001	25A0590-08	ECD#1	P1161268.D
SA50010	BA50856	S5A1620	MW002	25A0590-09	ECD#1	P1161269.D
SA50010	BA50856	S5A1620	MW003	25A0590-10	ECD#1	P1161270.D
SA50010	BA50856	S5A1620	MW004	25A0590-11	ECD#1	P1161271.D
SA50010	BA50856	S5A1620	MW00X	25A0590-12	ECD#1	P1161272.D
SA50010	BA50856	S5A1620	Equipment Blank 1/9/25	25A0590-13	ECD#1	P1161273.D
SA50010	BA50856	S5A1620	Field Blank 1/9/25	25A0590-14	ECD#1	P1161274.D
SA50010	S5A1620	S5A1620	Calibration Check	S5A1620-CCV4	ECD#1	P1161287.D
SA50010	S5A1620	S5A1620	Calibration Check	S5A1620-CCV5	ECD#1	P1161306.D

4.0 Analysis Issues

Initial calibration for ***EPA 8082A*** ***exceeded method guidelines.***

Calibration	Intrument	Calibration Date	File ID
SA50010	ECD#1	1/8/2025 11:44:59 AM	P1160771.D

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
Aroclor 1221	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1221 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1232 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1242 [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (1)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (1) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (2)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (2) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (3)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (3) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (4)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (4) [2C]	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (5)	**0.00**	20	**0.0000**	0.05				Avg
Aroclor 1248 (5) [2C]	**0.00**	20	**0.0000**	0.05				Avg

4.0 Analysis Issues

Aroclor 1248 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1254 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1262 [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (1)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (1) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (2)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (2) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (3)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (3) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (4)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (4) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (5)	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 (5) [2C]	**0.00**	20	**0.0000**	0.05	Avg
Aroclor 1268 [2C]	**0.00**	20	**0.0000**	0.05	Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Aroclor Reference	S5A1432-ARC1		P1161136.D
Blank	BA50758-BLK2		P1161176.D
SB006 (0-2 IN)	25A0590-01		P1161180.D
SB006 (2 IN -24 IN)	25A0590-02		P1161181.D
SB006 (6- 8 FT)	25A0590-03		P1161182.D
SB007 (0-2IN)	25A0590-04		P1161183.D
SB007 (2IN -24IN)	25A0590-05		P1161184.D
SB007 (6-8FT)	25A0590-06		P1161185.D

4.0 Analysis Issues

UICO11	25A0590-07	P1161186.D
Aroclor Reference	S5A1620-ARC1	P1161221.D
Blank	BA50856-BLK2	P1161258.D
MW001	25A0590-08	P1161268.D
MW002	25A0590-09	P1161269.D
MW003	25A0590-10	P1161270.D
MW004	25A0590-11	P1161271.D
MW00X	25A0590-12	P1161272.D
Equipment Blank 1/9/25	25A0590-13	P1161273.D
Field Blank 1/9/25	25A0590-14	P1161274.D

York Analytical Work Order Narrative

EPA 8082A

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8082A

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SA50010	S5A1432	S5A1432-CCV1	P1161135.D	01/14/25 08:38
SA50010	S5A1432	S5A1432-CCV2	P1161154.D	01/14/25 14:34
SA50010	S5A1432	S5A1432-CCV3	P1161175.D	01/14/25 19:34
SA50010	S5A1432	S5A1432-CCV4	P1161197.D	01/15/25 00:37
SA50010	S5A1432	S5A1432-CCV5	P1161210.D	01/15/25 03:36
SA50010	S5A1432	S5A1432-CCV6	P1161217.D	01/15/25 10:06
SA50010	S5A1620	S5A1620-CCV1	P1161220.D	01/15/25 11:32
SA50010	S5A1620	S5A1620-CCV2	P1161243.D	01/15/25 17:09
SA50010	S5A1620	S5A1620-CCV3	P1161265.D	01/15/25 22:11
SA50010	S5A1620	S5A1620-CCV4	P1161287.D	01/16/25 03:14
SA50010	S5A1620	S5A1620-CCV5	P1161306.D	01/16/25 07:35

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SA50010	S5A1432-CCV1	Aroclor 1016 (1)	ug/mL	1.06	1.00	**106**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (2)	ug/mL	1.08	1.00	**108**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (3)	ug/mL	1.05	1.00	**105**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (4)	ug/mL	1.06	1.00	**106**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (5)	ug/mL	1.06	1.00	**106**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (1) [2C]	ug/mL	1.04	1.00	**104**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (2) [2C]	ug/mL	1.08	1.00	**108**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (3) [2C]	ug/mL	1.05	1.00	**105**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (4) [2C]	ug/mL	1.07	1.00	**107**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1016 (5) [2C]	ug/mL	1.08	1.00	**108**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (1)	ug/mL	1.10	1.00	**110**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (2)	ug/mL	1.10	1.00	**110**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (3)	ug/mL	1.09	1.00	**109**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (4)	ug/mL	1.10	1.00	**110**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (5)	ug/mL	1.12	1.00	**112**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 [2C]	ug/mL	1.10	1.00	**110**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (1) [2C]	ug/mL	1.05	1.00	**105**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (2) [2C]	ug/mL	1.10	1.00	**110**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (3) [2C]	ug/mL	1.10	1.00	**110**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (4) [2C]	ug/mL	1.11	1.00	**111**		P1161135.D
SA50010	S5A1432-CCV1	Aroclor 1260 (5) [2C]	ug/mL	1.13	1.00	**113**		P1161135.D
SA50010	S5A1432-CCV1	Tetrachloro-m-xylene	ug/mL	0.232	0.160	**145**		P1161135.D
SA50010	S5A1432-CCV1	Tetrachloro-m-xylene [2C]	ug/mL	0.238	0.160	**149**		P1161135.D
SA50010	S5A1432-CCV1	Decachlorobiphenyl	ug/mL	0.266	0.160	**166**		P1161135.D
SA50010	S5A1432-CCV1	Decachlorobiphenyl [2C]	ug/mL	0.256	0.160	**160**		P1161135.D
SA50010	S5A1432-CCV2	Aroclor 1016 (1)	ug/mL	1.06	1.00	**106**		P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (2)	ug/mL	1.07	1.00	**107**		P1161154.D

SA50010	S5A1432-CCV2	Aroclor 1016 (3)	ug/mL	1.03	1.00	**103**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (4)	ug/mL	1.05	1.00	**105**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 [2C]	ug/mL	1.04	1.00	**104**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (2) [2C]	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (3) [2C]	ug/mL	1.03	1.00	**103**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (4) [2C]	ug/mL	1.05	1.00	**105**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1016 (5) [2C]	ug/mL	1.05	1.00	**105**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (1)	ug/mL	1.08	1.00	**108**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (2)	ug/mL	1.09	1.00	**109**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (3)	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (4)	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (5)	ug/mL	1.09	1.00	**109**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 [2C]	ug/mL	1.07	1.00	**107**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (1) [2C]	ug/mL	1.02	1.00	**102**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (2) [2C]	ug/mL	1.07	1.00	**107**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (3) [2C]	ug/mL	1.06	1.00	**106**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (4) [2C]	ug/mL	1.08	1.00	**108**	P1161154.D
SA50010	S5A1432-CCV2	Aroclor 1260 (5) [2C]	ug/mL	1.10	1.00	**110**	P1161154.D
SA50010	S5A1432-CCV2	Tetrachloro-m-xylene	ug/mL	0.233	0.160	**146**	P1161154.D
SA50010	S5A1432-CCV2	Tetrachloro-m-xylene [2C]	ug/mL	0.233	0.160	**146**	P1161154.D
SA50010	S5A1432-CCV2	Decachlorobiphenyl	ug/mL	0.269	0.160	**168**	P1161154.D
SA50010	S5A1432-CCV2	Decachlorobiphenyl [2C]	ug/mL	0.257	0.160	**161**	P1161154.D
SA50010	S5A1432-CCV3	Aroclor 1016 (1)	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (3)	ug/mL	1.01	1.00	**101**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (4)	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (5)	ug/mL	1.05	1.00	**105**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 [2C]	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (1) [2C]	ug/mL	1.01	1.00	**101**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (2) [2C]	ug/mL	1.06	1.00	**106**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (3) [2C]	ug/mL	1.00	1.00	**100**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (4) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1016 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (1)	ug/mL	1.05	1.00	**105**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (2)	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (3)	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (4)	ug/mL	1.02	1.00	**102**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (5)	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 [2C]	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (1) [2C]	ug/mL	0.998	1.00	**99.8**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (2) [2C]	ug/mL	1.03	1.00	**103**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (3) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (4) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Aroclor 1260 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161175.D
SA50010	S5A1432-CCV3	Tetrachloro-m-xylene	ug/mL	0.232	0.160	**145**	P1161175.D
SA50010	S5A1432-CCV3	Tetrachloro-m-xylene [2C]	ug/mL	0.232	0.160	**145**	P1161175.D
SA50010	S5A1432-CCV3	Decachlorobiphenyl	ug/mL	0.254	0.160	**159**	P1161175.D

SA50010	S5A1432-CCV3	Decachlorobiphenyl [2C]	ug/mL	0.231	0.160	**144**	P1161175.D
SA50010	S5A1432-CCV4	Aroclor 1016 (1)	ug/mL	1.05	1.00	**105**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (3)	ug/mL	1.00	1.00	**100**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (4)	ug/mL	1.02	1.00	**102**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 [2C]	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (1) [2C]	ug/mL	1.01	1.00	**101**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (2) [2C]	ug/mL	1.07	1.00	**107**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (3) [2C]	ug/mL	1.01	1.00	**101**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (4) [2C]	ug/mL	1.06	1.00	**106**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1016 (5) [2C]	ug/mL	1.06	1.00	**106**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (1)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (2)	ug/mL	1.03	1.00	**103**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (3)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (4)	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (5)	ug/mL	1.05	1.00	**105**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 [2C]	ug/mL	1.09	1.00	**109**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (1) [2C]	ug/mL	1.04	1.00	**104**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (2) [2C]	ug/mL	1.10	1.00	**110**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (3) [2C]	ug/mL	1.09	1.00	**109**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (4) [2C]	ug/mL	1.10	1.00	**110**	P1161197.D
SA50010	S5A1432-CCV4	Aroclor 1260 (5) [2C]	ug/mL	1.12	1.00	**112**	P1161197.D
SA50010	S5A1432-CCV4	Tetrachloro-m-xylene	ug/mL	0.229	0.160	**143**	P1161197.D
SA50010	S5A1432-CCV4	Tetrachloro-m-xylene [2C]	ug/mL	0.235	0.160	**147**	P1161197.D
SA50010	S5A1432-CCV4	Decachlorobiphenyl	ug/mL	0.255	0.160	**159**	P1161197.D
SA50010	S5A1432-CCV4	Decachlorobiphenyl [2C]	ug/mL	0.254	0.160	**159**	P1161197.D
SA50010	S5A1432-CCV5	Aroclor 1016 (1)	ug/mL	1.03	1.00	**103**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (2)	ug/mL	1.02	1.00	**102**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (3)	ug/mL	1.00	1.00	**100**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (4)	ug/mL	1.02	1.00	**102**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (5)	ug/mL	1.04	1.00	**104**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 [2C]	ug/mL	1.08	1.00	**108**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (1) [2C]	ug/mL	1.05	1.00	**105**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (2) [2C]	ug/mL	1.10	1.00	**110**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (3) [2C]	ug/mL	1.07	1.00	**107**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (4) [2C]	ug/mL	1.10	1.00	**110**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1016 (5) [2C]	ug/mL	1.09	1.00	**109**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (1)	ug/mL	1.09	1.00	**109**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (2)	ug/mL	1.10	1.00	**110**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (3)	ug/mL	1.08	1.00	**108**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (4)	ug/mL	1.09	1.00	**109**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (5)	ug/mL	1.12	1.00	**112**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 [2C]	ug/mL	1.12	1.00	**112**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (1) [2C]	ug/mL	1.08	1.00	**108**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (2) [2C]	ug/mL	1.13	1.00	**113**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (3) [2C]	ug/mL	1.12	1.00	**112**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (4) [2C]	ug/mL	1.13	1.00	**113**	P1161210.D
SA50010	S5A1432-CCV5	Aroclor 1260 (5) [2C]	ug/mL	1.16	1.00	**116**	P1161210.D

SA50010	S5A1432-CCV5	Tetrachloro-m-xylene	ug/mL	0.226	0.160	**141**	P1161210.D
SA50010	S5A1432-CCV5	Tetrachloro-m-xylene [2C]	ug/mL	0.243	0.160	**152**	P1161210.D
SA50010	S5A1432-CCV5	Decachlorobiphenyl	ug/mL	0.258	0.160	**161**	P1161210.D
SA50010	S5A1432-CCV5	Decachlorobiphenyl [2C]	ug/mL	0.265	0.160	**166**	P1161210.D
SA50010	S5A1432-CCV6	Aroclor 1016 (1)	ug/mL	1.06	1.00	**106**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (2)	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (3)	ug/mL	0.991	1.00	**99.1**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (4)	ug/mL	1.06	1.00	**106**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (5)	ug/mL	1.06	1.00	**106**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 [2C]	ug/mL	1.01	1.00	**101**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (1) [2C]	ug/mL	0.999	1.00	**99.9**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (2) [2C]	ug/mL	1.00	1.00	**100**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (3) [2C]	ug/mL	0.989	1.00	**98.9**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (4) [2C]	ug/mL	1.03	1.00	**103**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1016 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (1)	ug/mL	1.02	1.00	**102**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (2)	ug/mL	1.11	1.00	**111**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (3)	ug/mL	1.05	1.00	**105**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (4)	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (5)	ug/mL	1.11	1.00	**111**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 [2C]	ug/mL	1.09	1.00	**109**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (1) [2C]	ug/mL	1.03	1.00	**103**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (2) [2C]	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (3) [2C]	ug/mL	1.08	1.00	**108**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (4) [2C]	ug/mL	1.10	1.00	**110**	P1161217.D
SA50010	S5A1432-CCV6	Aroclor 1260 (5) [2C]	ug/mL	1.13	1.00	**113**	P1161217.D
SA50010	S5A1432-CCV6	Tetrachloro-m-xylene	ug/mL	0.236	0.160	**148**	P1161217.D
SA50010	S5A1432-CCV6	Tetrachloro-m-xylene [2C]	ug/mL	0.230	0.160	**144**	P1161217.D
SA50010	S5A1432-CCV6	Decachlorobiphenyl	ug/mL	0.280	0.160	**175**	P1161217.D
SA50010	S5A1432-CCV6	Decachlorobiphenyl [2C]	ug/mL	0.265	0.160	**166**	P1161217.D
SA50010	S5A1620-CCV1	Aroclor 1016 (1)	ug/mL	1.08	1.00	**108**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (2)	ug/mL	1.07	1.00	**107**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (3)	ug/mL	0.975	1.00	**97.5**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (4)	ug/mL	1.03	1.00	**103**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (5)	ug/mL	1.07	1.00	**107**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 [2C]	ug/mL	1.05	1.00	**105**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (2) [2C]	ug/mL	1.07	1.00	**107**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (3) [2C]	ug/mL	1.01	1.00	**101**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (4) [2C]	ug/mL	1.06	1.00	**106**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1016 (5) [2C]	ug/mL	1.06	1.00	**106**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (1)	ug/mL	1.08	1.00	**108**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (2)	ug/mL	1.07	1.00	**107**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (3)	ug/mL	1.07	1.00	**107**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (4)	ug/mL	1.06	1.00	**106**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (5)	ug/mL	1.08	1.00	**108**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 [2C]	ug/mL	1.07	1.00	**107**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (1) [2C]	ug/mL	1.03	1.00	**103**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (2) [2C]	ug/mL	1.08	1.00	**108**	P1161220.D

SA50010	S5A1620-CCV1	Aroclor 1260 (3) [2C]	ug/mL	1.07	1.00	**107**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (4) [2C]	ug/mL	1.08	1.00	**108**	P1161220.D
SA50010	S5A1620-CCV1	Aroclor 1260 (5) [2C]	ug/mL	1.10	1.00	**110**	P1161220.D
SA50010	S5A1620-CCV1	Tetrachloro-m-xylene	ug/mL	0.241	0.160	**151**	P1161220.D
SA50010	S5A1620-CCV1	Tetrachloro-m-xylene [2C]	ug/mL	0.237	0.160	**148**	P1161220.D
SA50010	S5A1620-CCV1	Decachlorobiphenyl	ug/mL	0.257	0.160	**161**	P1161220.D
SA50010	S5A1620-CCV1	Decachlorobiphenyl [2C]	ug/mL	0.253	0.160	**158**	P1161220.D
SA50010	S5A1620-CCV2	Aroclor 1016 (1)	ug/mL	1.06	1.00	**106**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (2)	ug/mL	1.07	1.00	**107**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (3)	ug/mL	1.02	1.00	**102**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (4)	ug/mL	1.06	1.00	**106**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (5)	ug/mL	1.08	1.00	**108**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (1) [2C]	ug/mL	1.02	1.00	**102**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (2) [2C]	ug/mL	1.08	1.00	**108**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (3) [2C]	ug/mL	1.02	1.00	**102**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (4) [2C]	ug/mL	1.08	1.00	**108**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1016 (5) [2C]	ug/mL	1.09	1.00	**109**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (1)	ug/mL	1.13	1.00	**113**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (2)	ug/mL	1.13	1.00	**113**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (3)	ug/mL	1.13	1.00	**113**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (4)	ug/mL	1.14	1.00	**114**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (5)	ug/mL	1.13	1.00	**113**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 [2C]	ug/mL	1.15	1.00	**115**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (1) [2C]	ug/mL	1.08	1.00	**108**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (2) [2C]	ug/mL	1.15	1.00	**115**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (3) [2C]	ug/mL	1.15	1.00	**115**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (4) [2C]	ug/mL	1.17	1.00	**117**	P1161243.D
SA50010	S5A1620-CCV2	Aroclor 1260 (5) [2C]	ug/mL	1.20	1.00	**120**	P1161243.D
SA50010	S5A1620-CCV2	Tetrachloro-m-xylene	ug/mL	0.233	0.160	**146**	P1161243.D
SA50010	S5A1620-CCV2	Tetrachloro-m-xylene [2C]	ug/mL	0.239	0.160	**149**	P1161243.D
SA50010	S5A1620-CCV2	Decachlorobiphenyl	ug/mL	0.293	0.160	**183**	P1161243.D
SA50010	S5A1620-CCV2	Decachlorobiphenyl [2C]	ug/mL	0.281	0.160	**176**	P1161243.D
SA50010	S5A1620-CCV3	Aroclor 1016 (1)	ug/mL	1.05	1.00	**105**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (2)	ug/mL	1.04	1.00	**104**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (3)	ug/mL	0.978	1.00	**97.8**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (4)	ug/mL	1.01	1.00	**101**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (5)	ug/mL	1.05	1.00	**105**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 [2C]	ug/mL	1.02	1.00	**102**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (1) [2C]	ug/mL	1.00	1.00	**100**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (2) [2C]	ug/mL	1.03	1.00	**103**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (3) [2C]	ug/mL	0.986	1.00	**98.6**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (4) [2C]	ug/mL	1.04	1.00	**104**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1016 (5) [2C]	ug/mL	1.04	1.00	**104**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (1)	ug/mL	1.07	1.00	**107**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (2)	ug/mL	1.06	1.00	**106**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (3)	ug/mL	1.06	1.00	**106**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (4)	ug/mL	1.06	1.00	**106**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (5)	ug/mL	1.09	1.00	**109**	P1161265.D

SA50010	S5A1620-CCV3	Aroclor 1260 [2C]	ug/mL	1.07	1.00	**107**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (1) [2C]	ug/mL	1.02	1.00	**102**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (2) [2C]	ug/mL	1.08	1.00	**108**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (3) [2C]	ug/mL	1.07	1.00	**107**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (4) [2C]	ug/mL	1.08	1.00	**108**	P1161265.D
SA50010	S5A1620-CCV3	Aroclor 1260 (5) [2C]	ug/mL	1.10	1.00	**110**	P1161265.D
SA50010	S5A1620-CCV3	Tetrachloro-m-xylene	ug/mL	0.231	0.160	**144**	P1161265.D
SA50010	S5A1620-CCV3	Tetrachloro-m-xylene [2C]	ug/mL	0.230	0.160	**144**	P1161265.D
SA50010	S5A1620-CCV3	Decachlorobiphenyl	ug/mL	0.267	0.160	**167**	P1161265.D
SA50010	S5A1620-CCV3	Decachlorobiphenyl [2C]	ug/mL	0.254	0.160	**159**	P1161265.D
SA50010	S5A1620-CCV4	Aroclor 1016 (1)	ug/mL	1.08	1.00	**108**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (2)	ug/mL	1.06	1.00	**106**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (3)	ug/mL	1.01	1.00	**101**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (4)	ug/mL	1.07	1.00	**107**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (5)	ug/mL	1.07	1.00	**107**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 [2C]	ug/mL	1.06	1.00	**106**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (1) [2C]	ug/mL	1.03	1.00	**103**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (2) [2C]	ug/mL	1.06	1.00	**106**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (3) [2C]	ug/mL	1.02	1.00	**102**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (4) [2C]	ug/mL	1.07	1.00	**107**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1016 (5) [2C]	ug/mL	1.10	1.00	**110**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (1)	ug/mL	1.12	1.00	**112**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (2)	ug/mL	1.12	1.00	**112**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (3)	ug/mL	1.14	1.00	**114**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (4)	ug/mL	1.14	1.00	**114**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (5)	ug/mL	1.16	1.00	**116**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 [2C]	ug/mL	1.15	1.00	**115**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (1) [2C]	ug/mL	1.07	1.00	**107**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (2) [2C]	ug/mL	1.15	1.00	**115**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (3) [2C]	ug/mL	1.16	1.00	**116**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (4) [2C]	ug/mL	1.16	1.00	**116**	P1161287.D
SA50010	S5A1620-CCV4	Aroclor 1260 (5) [2C]	ug/mL	1.22	1.00	**122**	P1161287.D
SA50010	S5A1620-CCV4	Tetrachloro-m-xylene	ug/mL	0.238	0.160	**149**	P1161287.D
SA50010	S5A1620-CCV4	Tetrachloro-m-xylene [2C]	ug/mL	0.239	0.160	**149**	P1161287.D
SA50010	S5A1620-CCV4	Decachlorobiphenyl	ug/mL	0.300	0.160	**188**	P1161287.D
SA50010	S5A1620-CCV4	Decachlorobiphenyl [2C]	ug/mL	0.290	0.160	**181**	P1161287.D
SA50010	S5A1620-CCV5	Aroclor 1016 (1)	ug/mL	1.10	1.00	**110**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (2)	ug/mL	1.11	1.00	**111**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (3)	ug/mL	1.08	1.00	**108**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (4)	ug/mL	1.08	1.00	**108**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (5)	ug/mL	1.06	1.00	**106**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 [2C]	ug/mL	1.10	1.00	**110**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (1) [2C]	ug/mL	1.06	1.00	**106**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (2) [2C]	ug/mL	1.12	1.00	**112**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (3) [2C]	ug/mL	1.06	1.00	**106**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (4) [2C]	ug/mL	1.12	1.00	**112**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1016 (5) [2C]	ug/mL	1.13	1.00	**113**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (1)	ug/mL	1.18	1.00	**118**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (2)	ug/mL	1.20	1.00	**120**	P1161306.D

SA50010	S5A1620-CCV5	Aroclor 1260 (3)	ug/mL	1.19	1.00	**119**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (4)	ug/mL	1.16	1.00	**116**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (5)	ug/mL	1.17	1.00	**117**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 [2C]	ug/mL	1.20	1.00	**120**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (1) [2C]	ug/mL	1.12	1.00	**112**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (2) [2C]	ug/mL	1.20	1.00	**120**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (3) [2C]	ug/mL	1.20	1.00	**120**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (4) [2C]	ug/mL	1.21	1.00	**121**	P1161306.D
SA50010	S5A1620-CCV5	Aroclor 1260 (5) [2C]	ug/mL	1.27	1.00	**127**	P1161306.D
SA50010	S5A1620-CCV5	Tetrachloro-m-xylene	ug/mL	0.242	0.160	**151**	P1161306.D
SA50010	S5A1620-CCV5	Tetrachloro-m-xylene [2C]	ug/mL	0.246	0.160	**154**	P1161306.D
SA50010	S5A1620-CCV5	Decachlorobiphenyl	ug/mL	0.280	0.160	**175**	P1161306.D
SA50010	S5A1620-CCV5	Decachlorobiphenyl [2C]	ug/mL	0.293	0.160	**183**	P1161306.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SA50010	S5A1432	S5A1432-ARC1	Aroclor Reference		P1161136.D
SA50010	S5A1432	BA50758-BLK2	Blank		P1161176.D
SA50010	S5A1432	BA50758-BS2	LCS		P1161177.D
SA50010	S5A1432	BA50758-MS2	Matrix Spike	SB007 (6-8FT)	P1161178.D
SA50010	S5A1432	BA50758-MSD2	Matrix Spike Dup	SB007 (6-8FT)	P1161179.D
SA50010	S5A1620	S5A1620-ARC1	Aroclor Reference		P1161221.D
SA50010	S5A1620	BA50856-BLK2	Blank		P1161258.D
SA50010	S5A1620	BA50856-BS2	LCS		P1161259.D
SA50010	S5A1620	BA50856-MS2	Matrix Spike	MW004	P1161260.D
SA50010	S5A1620	BA50856-MSD2	Matrix Spike Dup	MW004	P1161261.D

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Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
ARO	BA50758	S5A1432	ECD#1	BA50758-BLK2	P1161176.D
ARO	BA50856	S5A1620	ECD#1	BA50856-BLK2	P1161258.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SA50010	5A1432	BA50758-BS2	LCS	P1161177.D
SA50010	5A1620	BA50856-BS2	LCS	P1161259.D

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Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
ARO	**SA50010**	BA50758	S5A1432	SB007 (6-8FT)MS2	25A0590-06	SB007 (6-8FT)	BA50758-MS2
ARO	**SA50010**	BA50758	S5A1432	SB007 (6-8FT)MSD2	25A0590-06	SB007 (6-8FT)	BA50758-MSD2
ARO	**SA50010**	BA50856	S5A1620	MW004MS2	25A0590-11	MW004	BA50856-MS2
ARO	**SA50010**	BA50856	S5A1620	MW004MSD2	25A0590-11	MW004	BA50856-MSD2

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S5A1620	MW004MSD2	25A0590-11	BA50856-MSD2	Aroclor 1260	27.3	20	QR-03

Dilutions: No sample dilutions were required.

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Internal Standards / Surrogates

Surrogate Issues:

Calibration	SampleName	LabNumber	Analyte	Rec %	Limits
SA50010	Calibration Check	S5A1432-CCV1	Tetrachloro-m-xylene	**145**	-
SA50010	Calibration Check	S5A1432-CCV1	Tetrachloro-m-xylene [2C]	**149**	-
SA50010	Calibration Check	S5A1432-CCV1	Decachlorobiphenyl	**166**	-
SA50010	Calibration Check	S5A1432-CCV1	Decachlorobiphenyl [2C]	**160**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Tetrachloro-m-xylene	**119**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Tetrachloro-m-xylene [2C]	**115**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Decachlorobiphenyl	**108**	-
SA50010	Aroclor Reference	S5A1432-ARC1	Decachlorobiphenyl [2C]	**104**	-
SA50010	Calibration Check	S5A1432-CCV2	Tetrachloro-m-xylene	**146**	-
SA50010	Calibration Check	S5A1432-CCV2	Tetrachloro-m-xylene [2C]	**146**	-
SA50010	Calibration Check	S5A1432-CCV2	Decachlorobiphenyl	**168**	-
SA50010	Calibration Check	S5A1432-CCV2	Decachlorobiphenyl [2C]	**161**	-
SA50010	Calibration Check	S5A1432-CCV3	Tetrachloro-m-xylene	**145**	-
SA50010	Calibration Check	S5A1432-CCV3	Tetrachloro-m-xylene [2C]	**145**	-
SA50010	Calibration Check	S5A1432-CCV3	Decachlorobiphenyl	**159**	-
SA50010	Calibration Check	S5A1432-CCV3	Decachlorobiphenyl [2C]	**144**	-
SA50010	Calibration Check	S5A1432-CCV4	Tetrachloro-m-xylene	**143**	-
SA50010	Calibration Check	S5A1432-CCV4	Tetrachloro-m-xylene [2C]	**147**	-
SA50010	Calibration Check	S5A1432-CCV4	Decachlorobiphenyl	**159**	-
SA50010	Calibration Check	S5A1432-CCV4	Decachlorobiphenyl [2C]	**159**	-
SA50010	Calibration Check	S5A1432-CCV5	Tetrachloro-m-xylene	**141**	-
SA50010	Calibration Check	S5A1432-CCV5	Tetrachloro-m-xylene [2C]	**152**	-
SA50010	Calibration Check	S5A1432-CCV5	Decachlorobiphenyl	**161**	-
SA50010	Calibration Check	S5A1432-CCV5	Decachlorobiphenyl [2C]	**166**	-
SA50010	Calibration Check	S5A1432-CCV6	Tetrachloro-m-xylene	**148**	-
SA50010	Calibration Check	S5A1432-CCV6	Tetrachloro-m-xylene [2C]	**144**	-
SA50010	Calibration Check	S5A1432-CCV6	Decachlorobiphenyl	**175**	-
SA50010	Calibration Check	S5A1432-CCV6	Decachlorobiphenyl [2C]	**166**	-
SA50010	Calibration Check	S5A1620-CCV1	Tetrachloro-m-xylene	**151**	-
SA50010	Calibration Check	S5A1620-CCV1	Tetrachloro-m-xylene [2C]	**148**	-
SA50010	Calibration Check	S5A1620-CCV1	Decachlorobiphenyl	**161**	-
SA50010	Calibration Check	S5A1620-CCV1	Decachlorobiphenyl [2C]	**158**	-
SA50010	Aroclor Reference	S5A1620-ARC1	Tetrachloro-m-xylene [2C]	**116**	-
SA50010	Aroclor Reference	S5A1620-ARC1	Decachlorobiphenyl [2C]	**100**	-
SA50010	Calibration Check	S5A1620-CCV2	Tetrachloro-m-xylene	**146**	-
SA50010	Calibration Check	S5A1620-CCV2	Tetrachloro-m-xylene [2C]	**149**	-
SA50010	Calibration Check	S5A1620-CCV2	Decachlorobiphenyl	**183**	-
SA50010	Calibration Check	S5A1620-CCV2	Decachlorobiphenyl [2C]	**176**	-
SA50010	Calibration Check	S5A1620-CCV3	Tetrachloro-m-xylene	**144**	-
SA50010	Calibration Check	S5A1620-CCV3	Tetrachloro-m-xylene [2C]	**144**	-
SA50010	Calibration Check	S5A1620-CCV3	Decachlorobiphenyl	**167**	-
SA50010	Calibration Check	S5A1620-CCV3	Decachlorobiphenyl [2C]	**159**	-
SA50010	Calibration Check	S5A1620-CCV4	Tetrachloro-m-xylene	**149**	-
SA50010	Calibration Check	S5A1620-CCV4	Tetrachloro-m-xylene [2C]	**149**	-

SA50010	Calibration Check	S5A1620-CCV4	Decachlorobiphenyl	**188**	-
SA50010	Calibration Check	S5A1620-CCV4	Decachlorobiphenyl [2C]	**181**	-
SA50010	Calibration Check	S5A1620-CCV5	Tetrachloro-m-xylene	**151**	-
SA50010	Calibration Check	S5A1620-CCV5	Tetrachloro-m-xylene [2C]	**154**	-
SA50010	Calibration Check	S5A1620-CCV5	Decachlorobiphenyl	**175**	-
SA50010	Calibration Check	S5A1620-CCV5	Decachlorobiphenyl [2C]	**183**	-

4.0 Analysis Issues

EPA 8151A

HERB, 8151 MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40037

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40037	S4K2404	S4K2404	Secondary Cal Check	S4K2404-SCV1	GCECD4	PS472454.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV1	GCECD4	PS473716.d
SK40037	BA50675	S5A1444	Blank	BA50675-BLK1	GCECD4	PS473717.d
SK40037	BA50675	S5A1444	LCS	BA50675-BS1	GCECD4	PS473718.d
SK40037	BA50675	S5A1444	MW004MS1	BA50675-MS1	GCECD4	PS473719.d
SK40037	BA50675	S5A1444	MW004MSD1	BA50675-MSD1	GCECD4	PS473720.d
SK40037	BA50675	S5A1444	MW001	25A0590-08	GCECD4	PS473727.d
SK40037	BA50675	S5A1444	MW002	25A0590-09	GCECD4	PS473728.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV2	GCECD4	PS473737.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV3	GCECD4	PS473746.d
SK40037	BA50657	S5A1444	Blank	BA50657-BLK1	GCECD4	PS473748.d
SK40037	BA50657	S5A1444	LCS	BA50657-BS1	GCECD4	PS473749.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV4	GCECD4	PS473766.d
SK40037	BA50657	S5A1444	SB007 (6-8FT)	25A0590-06	GCECD4	PS473771.d
SK40037	BA50657	S5A1444	UICO11	25A0590-07	GCECD4	PS473772.d
SK40037	BA50675	S5A1444	MW003	25A0590-10	GCECD4	PS473776.d
SK40037	BA50675	S5A1444	MW004	25A0590-11	GCECD4	PS473777.d
SK40037	BA50675	S5A1444	MW00X	25A0590-12	GCECD4	PS473778.d
SK40037	BA50675	S5A1444	Equipment Blank 1/9/25	25A0590-13	GCECD4	PS473779.d
SK40037	BA50675	S5A1444	Field Blank 1/9/25	25A0590-14	GCECD4	PS473780.d
SK40037	S5A1444	S5A1444	Calibration Check	S5A1444-CCV5	GCECD4	PS473787.d
SK40037	S5A1515	S5A1515	Calibration Check	S5A1515-CCV1	GCECD4	PS473792.d
SK40037	BA50765	S5A1515	Blank	BA50765-BLK1	GCECD4	PS473794.d
SK40037	BA50765	S5A1515	LCS	BA50765-BS1	GCECD4	PS473795.d
SK40037	BA50765	S5A1515	SB006 (0-2 IN)	25A0590-01	GCECD4	PS473806.d
SK40037	BA50765	S5A1515	SB006 (2 IN -24 IN)	25A0590-02	GCECD4	PS473807.d
SK40037	BA50765	S5A1515	SB006 (6- 8 FT)	25A0590-03	GCECD4	PS473808.d
SK40037	BA50765	S5A1515	SB007 (0-2IN)	25A0590-04	GCECD4	PS473809.d
SK40037	BA50765	S5A1515	SB007 (2IN -24IN)	25A0590-05	GCECD4	PS473810.d
SK40037	S5A1515	S5A1515	Calibration Check	S5A1515-CCV2	GCECD4	PS473811.d
SK40037	S5A1515	S5A1515	Calibration Check	S5A1515-CCV3	GCECD4	PS473822.d

Initial calibration for EPA 8151A met method guidelines.

York Analytical Work Order Narrative

EPA 8151A

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8151A
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40037	S5A1444	S5A1444-CCV1	PS473716.d	01/14/25 09:20
SK40037	S5A1444	S5A1444-CCV2	PS473737.d	01/14/25 14:12
SK40037	S5A1444	S5A1444-CCV3	PS473746.d	01/14/25 15:16
SK40037	S5A1444	S5A1444-CCV4	PS473766.d	01/14/25 17:40
SK40037	S5A1444	S5A1444-CCV5	PS473787.d	01/14/25 20:10
SK40037	S5A1515	S5A1515-CCV1	PS473792.d	01/15/25 10:49
SK40037	S5A1515	S5A1515-CCV2	PS473811.d	01/15/25 13:28
SK40037	S5A1515	S5A1515-CCV3	PS473822.d	01/15/25 14:47

The continuing calibration verification recovered within method limits.

EPA 8151A

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
HERB	BA50657	S5A1444	GCECD4	BA50657-BLK1	PS473748.d
HERB	BA50675	S5A1444	GCECD4	BA50675-BLK1	PS473717.d
HERB	BA50765	S5A1515	GCECD4	BA50765-BLK1	PS473794.d

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40037	5A1444	BA50657-BS1	LCS	PS473749.d
SK40037	5A1444	BA50675-BS1	LCS	PS473718.d
SK40037	5A1515	BA50765-BS1	LCS	PS473795.d

EPA 8151A

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
HERB	**SK40037**	BA50675	S5A1444	MW004MS1	25A0590-11	MW004	BA50675-MS1
HERB	**SK40037**	BA50675	S5A1444	MW004MSD1	25A0590-11	MW004	BA50675-MSD1

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

EPA 8151A

Internal Standards / Surrogates

Surrogate Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6010D

Metals, Target Analyte

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte	S5A1518	S5A1518	Initial Cal Check	S5A1518-ICV1	ICP5900-01	QBI011525A-006
Metals, Target Analyte	S5A1518	S5A1518	Initial Cal Blank	S5A1518-ICB1	ICP5900-01	QBI011525A-007
Metals, Target Analyte	S5A1518	S5A1518	Instrument RL Check	S5A1518-CRL1	ICP5900-01	QBI011525A-008
Metals, Target Analyte	S5A1518	S5A1518	Interference Check A	S5A1518-IFA1	ICP5900-01	QBI011525A-010
Metals, Target Analyte	S5A1518	S5A1518	Interference Check B	S5A1518-IFB1	ICP5900-01	QBI011525A-011
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV1	ICP5900-01	QBI011525A-012
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB1	ICP5900-01	QBI011525A-013
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV3	ICP5900-01	QBI011525A-036
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB3	ICP5900-01	QBI011525A-037
Metals, Target Analyte	BA50799	S5A1518	Reference	BA50799-SRM1	ICP5900-01	QBI011525A-045
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV4	ICP5900-01	QBI011525A-048
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB4	ICP5900-01	QBI011525A-049
Metals, Target Analyte	BA50799	S5A1518	SB006 (0-2 IN)	25A0590-01	ICP5900-01	QBI011525A-053
Metals, Target Analyte	BA50799	S5A1518	SB006 (2 IN -24 IN)	25A0590-02	ICP5900-01	QBI011525A-054
Metals, Target Analyte	BA50799	S5A1518	SB006 (6- 8 FT)	25A0590-03	ICP5900-01	QBI011525A-055
Metals, Target Analyte	BA50799	S5A1518	SB007 (0-2IN)	25A0590-04	ICP5900-01	QBI011525A-056
Metals, Target Analyte	BA50799	S5A1518	SB007 (2IN -24IN)	25A0590-05	ICP5900-01	QBI011525A-057
Metals, Target Analyte	BA50799	S5A1518	SB007 (6-8FT)	25A0590-06	ICP5900-01	QBI011525A-058
Metals, Target Analyte	BA50799	S5A1518	UICO11	25A0590-07	ICP5900-01	QBI011525A-059
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCV5	ICP5900-01	QBI011525A-060
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCB5	ICP5900-01	QBI011525A-061
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVD	ICP5900-01	QBI011525A-154
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBD	ICP5900-01	QBI011525A-155
Metals, Target Analyte	BA50799	S5A1518	Blank	BA50799-BLK1	ICP5900-01	QBI011525A-163
Metals, Target Analyte	S5A1518	S5A1518	Calibration Check	S5A1518-CCVE	ICP5900-01	QBI011525A-166
Metals, Target Analyte	S5A1518	S5A1518	Calibration Blank	S5A1518-CCBE	ICP5900-01	QBI011525A-167

Initial calibration for EPA 6010D met method guidelines.

York Analytical Work Order Narrative

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte	S5A1518	S5A1518-CCV1	QBI011525A-012	01/15/25 11:28
Metals, Target Analyte	S5A1518	S5A1518-CCV3	QBI011525A-036	01/15/25 12:02
Metals, Target Analyte	S5A1518	S5A1518-CCV4	QBI011525A-048	01/15/25 12:20
Metals, Target Analyte	S5A1518	S5A1518-CCV5	QBI011525A-060	01/15/25 12:36
Metals, Target Analyte	S5A1518	S5A1518-CCVD	QBI011525A-154	01/15/25 15:25
Metals, Target Analyte	S5A1518	S5A1518-CCVE	QBI011525A-166	01/15/25 15:41
Metals, Target Analyte	S5A1518	S5A1518-ICV1	QBI011525A-006	01/15/25 11:15

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
Metals, Target Analyte	S5A1518-CCV3	Selenium	ug/mL	0.561	0.500	**112**	90	110	QBI011525A-036
Metals, Target Analyte	S5A1518-CCV5	Selenium	ug/mL	0.556	0.500	**111**	90	110	QBI011525A-060
Metals, Target Analyte	S5A1518-CCVD	Selenium	ug/mL	0.555	0.500	**111**	90	110	QBI011525A-154
Metals, Target Analyte	S5A1518-CCVE	Selenium	ug/mL	0.554	0.500	**111**	90	110	QBI011525A-166

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
Metals, Target An	S5A1518	S5A1518-ICB1	Initial Cal Blank		QBI011525A-007
Metals, Target An	S5A1518	S5A1518-IFA1	Interference Check A		QBI011525A-010
Metals, Target An	S5A1518	S5A1518-IFB1	Interference Check B		QBI011525A-011
Metals, Target An	S5A1518	S5A1518-CCB1	Calibration Blank		QBI011525A-013
Metals, Target An	S5A1518	S5A1518-CCB3	Calibration Blank		QBI011525A-037
Metals, Target An	S5A1518	BA50799-SRM1	Reference		QBI011525A-045
Metals, Target An	S5A1518	S5A1518-CCB4	Calibration Blank		QBI011525A-049
Metals, Target An	S5A1518	S5A1518-CCB5	Calibration Blank		QBI011525A-061
Metals, Target An	S5A1518	S5A1518-CCBD	Calibration Blank		QBI011525A-155
Metals, Target An	S5A1518	S5A1518-CCBE	Calibration Blank		QBI011525A-167

York Analytical Work Order Narrative

EPA 6010D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50799	S5A1518	ICP5900-01	BA50799-BLK1	QBI011525A-163

Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S5A1518	Blank	BA50799-BLK1	Soil	Potassium	15.7	4.17	mg/kg wet

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BA50799	25A0590-01	SB006 (0-2 IN)	QBI011525A-053
BA50799	25A0590-02	SB006 (2 IN -24 IN)	QBI011525A-054
BA50799	25A0590-03	SB006 (6- 8 FT)	QBI011525A-055
BA50799	25A0590-04	SB007 (0-2IN)	QBI011525A-056
BA50799	25A0590-05	SB007 (2IN -24IN)	QBI011525A-057
BA50799	25A0590-06	SB007 (6-8FT)	QBI011525A-058
BA50799	25A0590-07	UICO11	QBI011525A-059
BA50799	BA50799-SRM1	Reference	QBI011525A-045

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte	5A1518	BA50799-SRM1	Reference	QBI011525A-045

EPA 6010D

Dilutions: No sample dilutions were required.

EPA 6010D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6010D

Metals, Target Analyte, ICP

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte, ICP

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte, ICP	S5A1517	S5A1517	Initial Cal Check	S5A1517-ICV1	ICP5900-01	QBI011525A-006
Metals, Target Analyte, ICP	S5A1517	S5A1517	Initial Cal Blank	S5A1517-ICB1	ICP5900-01	QBI011525A-007
Metals, Target Analyte, ICP	S5A1517	S5A1517	Instrument RL Check	S5A1517-CRL1	ICP5900-01	QBI011525A-008
Metals, Target Analyte, ICP	S5A1517	S5A1517	Interference Check A	S5A1517-IFA1	ICP5900-01	QBI011525A-010
Metals, Target Analyte, ICP	S5A1517	S5A1517	Interference Check B	S5A1517-IFB1	ICP5900-01	QBI011525A-011
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Check	S5A1517-CCV1	ICP5900-01	QBI011525A-012
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Blank	S5A1517-CCB1	ICP5900-01	QBI011525A-013
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Check	S5A1517-CCV9	ICP5900-01	QBI011525A-104
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Blank	S5A1517-CCB9	ICP5900-01	QBI011525A-105
Metals, Target Analyte, ICP	BA50852	S5A1517	Blank	BA50852-BLK1	ICP5900-01	QBI011525A-113
Metals, Target Analyte, ICP	BA50852	S5A1517	LCS	BA50852-BS1	ICP5900-01	QBI011525A-114
Metals, Target Analyte, ICP	BA50852	S5A1517	MW001	25A0590-08	ICP5900-01	QBI011525A-115
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Check	S5A1517-CCVA	ICP5900-01	QBI011525A-116
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Blank	S5A1517-CCBA	ICP5900-01	QBI011525A-117
Metals, Target Analyte, ICP	BA50852	S5A1517	MW002	25A0590-09	ICP5900-01	QBI011525A-118
Metals, Target Analyte, ICP	BA50852	S5A1517	MW003	25A0590-10	ICP5900-01	QBI011525A-119
Metals, Target Analyte, ICP	BA50852	S5A1517	MW004	25A0590-11	ICP5900-01	QBI011525A-120
Metals, Target Analyte, ICP	BA50852	S5A1517	MW004DUP1	BA50852-DUP1	ICP5900-01	QBI011525A-121
Metals, Target Analyte, ICP	BA50852	S5A1517	MW004MS1	BA50852-MS1	ICP5900-01	QBI011525A-122
Metals, Target Analyte, ICP	BA50852	S5A1517	Post Spike	BA50852-PS1	ICP5900-01	QBI011525A-123
Metals, Target Analyte, ICP	S5A1517	S5A1517	Serial Dilution	S5A1517-SRD6	ICP5900-01	QBI011525A-124
Metals, Target Analyte, ICP	BA50852	S5A1517	MW00X	25A0590-12	ICP5900-01	QBI011525A-125
Metals, Target Analyte, ICP	BA50852	S5A1517	Equipment Blank 1/9/25	25A0590-13	ICP5900-01	QBI011525A-126
Metals, Target Analyte, ICP	BA50852	S5A1517	Field Blank 1/9/25	25A0590-14	ICP5900-01	QBI011525A-127
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Check	S5A1517-CCVB	ICP5900-01	QBI011525A-130
Metals, Target Analyte, ICP	S5A1517	S5A1517	Calibration Blank	S5A1517-CCBB	ICP5900-01	QBI011525A-131

Initial calibration for EPA 6010D met method guidelines.

York Analytical Work Order Narrative

EPA 6010D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6010D
All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte, ICP	S5A1517	S5A1517-CCV1	QBI011525A-012	01/15/25 11:28
Metals, Target Analyte, ICP	S5A1517	S5A1517-CCV9	QBI011525A-104	01/15/25 13:34
Metals, Target Analyte, ICP	S5A1517	S5A1517-CCVA	QBI011525A-116	01/15/25 14:29
Metals, Target Analyte, ICP	S5A1517	S5A1517-CCVB	QBI011525A-130	01/15/25 14:48
Metals, Target Analyte, ICP	S5A1517	S5A1517-ICV1	QBI011525A-006	01/15/25 11:15

The continuing calibration verification recovered within method limits.

EPA 6010D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50852	S5A1517	ICP5900-01	BA50852-BLK1	QBI011525A-113

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte, ICP	5A1517	BA50852-BS1	LCS	QBI011525A-114

EPA 6010D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
METALS	**Metals, Target**	BA50852	S5A1517	MW004DUP1	25A0590-11	MW004	BA50852-DUP1
METALS	**Metals, Target**	BA50852	S5A1517	MW004MS1	25A0590-11	MW004	BA50852-MS1

Dilutions: No sample dilutions were required.

EPA 6010D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

4.0 Analysis Issues

EPA 6020B

Metals, Target Analyte, ICPMS

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Metals, Target Analyte, ICPMS

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Initial Cal Check	S5A1516-ICV1	Nexion2000C	QBIMX011525A-014
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Initial Cal Blank	S5A1516-ICB1	Nexion2000C	QBIMX011525A-015
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Check	S5A1516-CCV1	Nexion2000C	QBIMX011525A-016
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Blank	S5A1516-CCB1	Nexion2000C	QBIMX011525A-017
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Instrument RL Check	S5A1516-CRL1	Nexion2000C	QBIMX011525A-020
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Interference Check A	S5A1516-IFA1	Nexion2000C	QBIMX011525A-022
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Interference Check B	S5A1516-IFB1	Nexion2000C	QBIMX011525A-023
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Check	S5A1516-CCV2	Nexion2000C	QBIMX011525A-024
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Blank	S5A1516-CCB2	Nexion2000C	QBIMX011525A-025
Metals, Target Analyte, ICPMS	BA50767	S5A1516	Blank	BA50767-BLK1	Nexion2000C	QBIMX011525A-026
Metals, Target Analyte, ICPMS	BA50767	S5A1516	LCS	BA50767-BS1	Nexion2000C	QBIMX011525A-027
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Check	S5A1516-CCV3	Nexion2000C	QBIMX011525A-036
Metals, Target Analyte, ICPMS	S5A1516	S5A1516	Calibration Blank	S5A1516-CCB3	Nexion2000C	QBIMX011525A-037
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Initial Cal Check	S5A1533-ICV1	Nexion2000C	QBIMX011525A-014
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Initial Cal Blank	S5A1533-ICB1	Nexion2000C	QBIMX011525A-015
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Check	S5A1533-CCV1	Nexion2000C	QBIMX011525A-016
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Blank	S5A1533-CCB1	Nexion2000C	QBIMX011525A-017
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Instrument RL Check	S5A1533-CRL1	Nexion2000C	QBIMX011525A-020
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Interference Check A	S5A1533-IFA1	Nexion2000C	QBIMX011525A-022
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Interference Check B	S5A1533-IFB1	Nexion2000C	QBIMX011525A-023
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Check	S5A1533-CCV2	Nexion2000C	QBIMX011525A-024
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Blank	S5A1533-CCB2	Nexion2000C	QBIMX011525A-025
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Check	S5A1533-CCV5	Nexion2000C	QBIMX011525A-052
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Blank	S5A1533-CCB5	Nexion2000C	QBIMX011525A-053
Metals, Target Analyte, ICPMS	BA50767	S5A1533	MW001	25A0590-08	Nexion2000C	QBIMX011525A-057
Metals, Target Analyte, ICPMS	BA50767	S5A1533	MW002	25A0590-09	Nexion2000C	QBIMX011525A-058
Metals, Target Analyte, ICPMS	BA50767	S5A1533	MW003	25A0590-10	Nexion2000C	QBIMX011525A-059
Metals, Target Analyte, ICPMS	BA50767	S5A1533	MW004	25A0590-11	Nexion2000C	QBIMX011525A-060
Metals, Target Analyte, ICPMS	BA50767	S5A1533	MW004DUP1	BA50767-DUP1	Nexion2000C	QBIMX011525A-061
Metals, Target Analyte, ICPMS	BA50767	S5A1533	MW004MS1	BA50767-MS1	Nexion2000C	QBIMX011525A-062
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Serial Dilution	S5A1533-SRD2	Nexion2000C	QBIMX011525A-063
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Check	S5A1533-CCV6	Nexion2000C	QBIMX011525A-064

4.0 Analysis Issues

Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Blank	S5A1533-CCB6	Nexion2000C	QBIMX011525A-065
Metals, Target Analyte, ICPMS	BA50767	S5A1533	MW00X	25A0590-12	Nexion2000C	QBIMX011525A-066
Metals, Target Analyte, ICPMS	BA50767	S5A1533	Equipment Blank 1/9/25	25A0590-13	Nexion2000C	QBIMX011525A-067
Metals, Target Analyte, ICPMS	BA50767	S5A1533	Field Blank 1/9/25	25A0590-14	Nexion2000C	QBIMX011525A-068
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Check	S5A1533-CCV7	Nexion2000C	QBIMX011525A-077
Metals, Target Analyte, ICPMS	S5A1533	S5A1533	Calibration Blank	S5A1533-CCB7	Nexion2000C	QBIMX011525A-078

Initial calibration for EPA 6020B met method guidelines.

York Analytical Work Order Narrative

EPA 6020B

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 6020B

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
Metals, Target Analyte, ICPMS	S5A1516-ICV1	Selenium	50.0	55.5	**111**	90 - 110
Metals, Target Analyte, ICPMS	S5A1533-ICV1	Selenium	50.0	55.5	**111**	90 - 110

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A1516-ICB1	Initial Cal Blank	QBIMX011525A-015
S5A1533-ICB1	Initial Cal Blank	QBIMX011525A-015
S5A1516-CCV1	Calibration Check	QBIMX011525A-016
S5A1533-CCV1	Calibration Check	QBIMX011525A-016
S5A1516-IFB1	Interference Check B	QBIMX011525A-023
S5A1533-IFB1	Interference Check B	QBIMX011525A-023
S5A1516-CCV2	Calibration Check	QBIMX011525A-024
S5A1533-CCV2	Calibration Check	QBIMX011525A-024
BA50767-BS1	LCS	QBIMX011525A-027
S5A1516-CCV3	Calibration Check	QBIMX011525A-036
S5A1533-CCV5	Calibration Check	QBIMX011525A-052
S5A1533-CCB5	Calibration Blank	QBIMX011525A-053
BA50767-MS1	Matrix Spike	QBIMX011525A-062
S5A1533-CCV6	Calibration Check	QBIMX011525A-064
S5A1533-CCB6	Calibration Blank	QBIMX011525A-065
S5A1533-CCV7	Calibration Check	QBIMX011525A-077

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-CCV1	QBIMX011525A-016	01/15/25 12:10
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-CCV2	QBIMX011525A-024	01/15/25 12:47
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-CCV3	QBIMX011525A-036	01/15/25 13:29
Metals, Target Analyte, ICPMS	S5A1516	S5A1516-ICV1	QBIMX011525A-014	01/15/25 12:03
Metals, Target Analyte, ICPMS	S5A1533	S5A1533-CCV1	QBIMX011525A-016	01/15/25 12:10
Metals, Target Analyte, ICPMS	S5A1533	S5A1533-CCV2	QBIMX011525A-024	01/15/25 12:47
Metals, Target Analyte, ICPMS	S5A1533	S5A1533-CCV5	QBIMX011525A-052	01/15/25 14:53
Metals, Target Analyte, ICPMS	S5A1533	S5A1533-CCV6	QBIMX011525A-064	01/15/25 15:34
Metals, Target Analyte, ICPMS	S5A1533	S5A1533-CCV7	QBIMX011525A-077	01/15/25 16:20
Metals, Target Analyte, ICPMS	S5A1533	S5A1533-ICV1	QBIMX011525A-014	01/15/25 12:03

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
Metals, Target Analyte, ICPMS	S5A1516-CCV2	Selenium	ug/L	43.3	50.0	**86.5**	90 110	QBIMX011525A-024

Metals, Target Analyte, ICPMS	S5A1516-ICV1	Selenium	ug/L	55.5	50.0	**111**	90	110	QBIMX011525A-014
Metals, Target Analyte, ICPMS	S5A1533-CCV2	Selenium	ug/L	43.3	50.0	**86.5**	90	110	QBIMX011525A-024
Metals, Target Analyte, ICPMS	S5A1533-CCV5	Antimony	ug/L	57.9	50.0	**116**	90	110	QBIMX011525A-052
Metals, Target Analyte, ICPMS	S5A1533-CCV6	Antimony	ug/L	57.9	50.0	**116**	90	110	QBIMX011525A-064
Metals, Target Analyte, ICPMS	S5A1533-CCV6	Cadmium	ug/L	55.8	50.0	**112**	90	110	QBIMX011525A-064
Metals, Target Analyte, ICPMS	S5A1533-CCV6	Selenium	ug/L	58.5	50.0	**117**	90	110	QBIMX011525A-064
Metals, Target Analyte, ICPMS	S5A1533-CCV7	Selenium	ug/L	41.9	50.0	**83.8**	90	110	QBIMX011525A-077
Metals, Target Analyte, ICPMS	S5A1533-ICV1	Selenium	ug/L	55.5	50.0	**111**	90	110	QBIMX011525A-014

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
Metals, Target An	S5A1516	S5A1516-ICB1	Initial Cal Blank		QBIMX011525A-015
Metals, Target An	S5A1533	S5A1533-ICB1	Initial Cal Blank		QBIMX011525A-015
Metals, Target An	S5A1516	S5A1516-CCB1	Calibration Blank		QBIMX011525A-017
Metals, Target An	S5A1533	S5A1533-CCB1	Calibration Blank		QBIMX011525A-017
Metals, Target An	S5A1516	S5A1516-IFA1	Interference Check A		QBIMX011525A-022
Metals, Target An	S5A1533	S5A1533-IFA1	Interference Check A		QBIMX011525A-022
Metals, Target An	S5A1516	S5A1516-IFB1	Interference Check B		QBIMX011525A-023
Metals, Target An	S5A1533	S5A1533-IFB1	Interference Check B		QBIMX011525A-023
Metals, Target An	S5A1516	S5A1516-CCB2	Calibration Blank		QBIMX011525A-025
Metals, Target An	S5A1533	S5A1533-CCB2	Calibration Blank		QBIMX011525A-025
Metals, Target An	S5A1516	BA50767-BLK1	Blank		QBIMX011525A-026
Metals, Target An	S5A1516	BA50767-BS1	LCS		QBIMX011525A-027
Metals, Target An	S5A1516	S5A1516-CCB3	Calibration Blank		QBIMX011525A-037
Metals, Target An	S5A1533	S5A1533-CCB5	Calibration Blank		QBIMX011525A-053
Metals, Target An	S5A1533	25A0590-08	MW001		QBIMX011525A-057
Metals, Target An	S5A1533	25A0590-09	MW002		QBIMX011525A-058
Metals, Target An	S5A1533	25A0590-10	MW003		QBIMX011525A-059
Metals, Target An	S5A1533	25A0590-11	MW004		QBIMX011525A-060
Metals, Target An	S5A1533	BA50767-DUP1	Duplicate	MW004	QBIMX011525A-061

Metals, Target An	S5A1533	BA50767-MS1	Matrix Spike	MW004	QBIMX011525A-062
Metals, Target An	S5A1533	S5A1533-SRD2	Serial Dilution	MW004	QBIMX011525A-063
Metals, Target An	S5A1533	S5A1533-CCB6	Calibration Blank		QBIMX011525A-065
Metals, Target An	S5A1533	25A0590-12	MW00X		QBIMX011525A-066
Metals, Target An	S5A1533	25A0590-13	Equipment Blank 1/9/		QBIMX011525A-067
Metals, Target An	S5A1533	25A0590-14	Field Blank 1/9/25		QBIMX011525A-068
Metals, Target An	S5A1533	S5A1533-CCB7	Calibration Blank		QBIMX011525A-078

EPA 6020B

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
METALS	BA50767	S5A1516	Nexion2000C	BA50767-BLK1	QBIMX011525A-026

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Metals, Target Analyte, ICPMS	5A1516	BA50767-BS1	LCS	QBIMX011525A-027

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A1516	LCS	BA50767-BS1	Selenium		**79.6**		80 - 120	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA50767	BA50767-BLK1	Blank	
S5A1516	S5A1516-ICB1	Initial Cal Blank	
S5A1516	S5A1516-IFA1	Interference Check A	
S5A1516	S5A1516-IFB1	Interference Check B	

EPA 6020B

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
METALS	**Metals, Target**	BA50767	S5A1533	MW004DUP1	25A0590-11	MW004	BA50767-DUP1
METALS	**Metals, Target**	BA50767	S5A1533	MW004MS1	25A0590-11	MW004	BA50767-MS1

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7473

Mercury by 7473

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : Mercury by 7473

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
Mercury by 7473	BA50884	S5A1537	SB006 (6- 8 FT)	25A0590-03	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	SB007 (0-2IN)	25A0590-04	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	SB007 (2IN -24IN)	25A0590-05	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	SB007 (6-8FT)	25A0590-06	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	UICO11	25A0590-07	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	Blank	BA50884-BLK1	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	SB006 (6- 8 FT)DUP1	BA50884-DUP1	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	SB006 (6- 8 FT)MS1	BA50884-MS1	DMA 80-01	
Mercury by 7473	BA50884	S5A1537	Reference	BA50884-SRM1	DMA 80-01	
Mercury by 7473	S5A1537	S5A1537	Calibration Blank	S5A1537-CCB1	DMA 80-01	
Mercury by 7473	S5A1537	S5A1537	Calibration Check	S5A1537-CCV1	DMA 80-01	
Mercury by 7473	S5A1537	S5A1537	High Cal Check	S5A1537-HCV1	DMA 80-01	
Mercury by 7473	S5A1537	S5A1537	Low Cal Check	S5A1537-LCV1	DMA 80-01	
Mercury by 7473	BA50885	S5A1538	SB006 (0-2 IN)	25A0590-01	DMA 80-01	
Mercury by 7473	BA50885	S5A1538	SB006 (2 IN -24 IN)	25A0590-02	DMA 80-01	
Mercury by 7473	BA50885	S5A1538	Blank	BA50885-BLK1	DMA 80-01	
Mercury by 7473	BA50885	S5A1538	Reference	BA50885-SRM1	DMA 80-01	
Mercury by 7473	S5A1538	S5A1538	Calibration Blank	S5A1538-CCB1	DMA 80-01	
Mercury by 7473	S5A1538	S5A1538	Calibration Check	S5A1538-CCV1	DMA 80-01	
Mercury by 7473	S5A1538	S5A1538	High Cal Check	S5A1538-HCV1	DMA 80-01	
Mercury by 7473	S5A1538	S5A1538	Low Cal Check	S5A1538-LCV1	DMA 80-01	

Initial calibration for EPA 7473 met method guidelines.

EPA 7473

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 7473

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
Mercury by 7473	S5A1537	S5A1537-CCV1		01/16/25 12:01
Mercury by 7473	S5A1538	S5A1538-CCV1		01/16/25 12:04

The continuing calibration verification recovered within method limits.

York Analytical Work Order Narrative

EPA 7473

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
HG	BA50884	S5A1537	DMA 80-01	BA50884-BLK1	
HG	BA50885	S5A1538	DMA 80-01	BA50885-BLK1	

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
Mercury by 7473	5A1537	BA50884-SRM1	Reference	
Mercury by 7473	5A1538	BA50885-SRM1	Reference	

EPA 7473

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber
HG	**Mercury by 747**	BA50884	S5A1537	SB006 (6- 8 FT)DUP1	25A0590-03	SB006 (6- 8 FT)	BA50884-DUP1
HG	**Mercury by 747**	BA50884	S5A1537	SB006 (6- 8 FT)MS1	25A0590-03	SB006 (6- 8 FT)	BA50884-MS1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S5A1537	SB006 (6- 8 FT)	BA50884-MS1	Mercury	mg/kg		44.8		75 - 125	

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7470

Mercury by 7470/7471

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : **none**

Samples and QC analyzed using this calibration / sequence.

Initial calibration for EPA 7470 met method guidelines.

EPA 7470

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 7470
All target analytes recovered within method limits

Continuing Calibration Verification-

The continuing calibration verification recovered within method limits.

EPA 7470

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50868-BS1	LCS	QBHg01152025A-003

EPA 7470

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 7196A

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50623-BS1	LCS	
none		BA50768-SRM1	Reference	
none		BA50861-SRM1	Reference	

EPA 7196A

Dilutions: No sample dilutions were required.

4.0 Analysis Issues

EPA 9014/9010C

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
none		BA50665-SRM1	Reference	CN_SPECB_BA50665_2501130
none		BA50753-SRM1	Reference	CN_SPECA_BA50753_2501140
none		BA50887-BS1	LCS	CN_SPECA_BA50887_2501150

EPA 9014/9010C

Dilutions: No sample dilutions were required.

York Analytical Work Order Narrative

4.0 Analysis Issues

SM 2540G

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

SM 2540G

Dilutions: No sample dilutions were required.

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW004

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50784
Laboratory ID: BA50784-MS1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW004

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	0.00	12.1	121	45 - 161
1,1,1-Trichloroethane	10.0	0.00	14.6	146	70 - 146
1,1,2,2-Tetrachloroethane	10.0	0.00	13.4	134 *	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	11.5	115	21 - 217
1,1,2-Trichloroethane	10.0	0.00	14.1	141	59 - 146
1,1-Dichloroethane	10.0	0.00	13.5	135	54 - 146
1,1-Dichloroethylene	10.0	0.00	14.1	141	44 - 165
1,2,3-Trichlorobenzene	10.0	0.00	11.4	114	40 - 161
1,2,3-Trichloropropane	10.0	0.00	13.2	132 *	74 - 127
1,2,4-Trichlorobenzene	10.0	0.00	10.2	102	41 - 161
1,2,4-Trimethylbenzene	10.0	0.00	11.1	111	72 - 129
1,2-Dibromo-3-chloropropane	10.0	0.00	12.5	125	31 - 151
1,2-Dibromoethane	10.0	0.00	14.3	143 *	75 - 125
1,2-Dichlorobenzene	10.0	0.00	11.4	114	63 - 122
1,2-Dichloroethane	10.0	0.00	13.8	138 *	68 - 131
1,2-Dichloropropane	10.0	0.00	12.5	125 *	77 - 121
1,3,5-Trimethylbenzene	10.0	0.00	11.2	112	69 - 126
1,3-Dichlorobenzene	10.0	0.00	10.9	109	74 - 119
1,3-Dichloropropane	10.0	0.00	13.3	133 *	77 - 119
1,4-Dichlorobenzene	10.0	0.00	10.6	106	70 - 124
1,4-Dioxane	210	0.00	276	132	10 - 310
2-Butanone	10.0	0.00	13.0	130	10 - 193
2-Hexanone	10.0	0.00	11.1	111	53 - 133
4-Methyl-2-pentanone	10.0	0.00	13.2	132	38 - 150
Acetone	10.0	1.56	23.3	217 *	13 - 149
Acrolein	10.0	0.00	6.81	68.1	10 - 195
Acrylonitrile	10.0	0.00	14.3	143	37 - 165
Benzene	10.0	0.00	14.6	146	38 - 155
Bromochloromethane	10.0	0.00	13.3	133 *	75 - 121
Bromodichloromethane	10.0	0.00	13.9	139 *	70 - 129
Bromoform	10.0	0.00	14.7	147 *	66 - 136

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW004

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50784
Laboratory ID: BA50784-MSD1
Preparation: EPA 5030B
Initial/Final: 25 mL / 25 mL
Source Sample Name: MW004

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	12.3	123	1.72	30	45 - 161
1,1,1-Trichloroethane	10.0	15.4	154 *	4.94	30	70 - 146
1,1,2,2-Tetrachloroethane	10.0	13.1	131 *	2.71	30	74 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.7	127	9.69	30	21 - 217
1,1,2-Trichloroethane	10.0	13.9	139	1.22	30	59 - 146
1,1-Dichloroethane	10.0	14.0	140	3.79	30	54 - 146
1,1-Dichloroethylene	10.0	14.8	148	5.05	30	44 - 165
1,2,3-Trichlorobenzene	10.0	12.2	122	6.70	30	40 - 161
1,2,3-Trichloropropane	10.0	12.8	128 *	2.69	30	74 - 127
1,2,4-Trichlorobenzene	10.0	10.9	109	6.46	30	41 - 161
1,2,4-Trimethylbenzene	10.0	11.4	114	3.02	30	72 - 129
1,2-Dibromo-3-chloropropane	10.0	12.5	125	0.160	30	31 - 151
1,2-Dibromoethane	10.0	14.1	141 *	1.33	30	75 - 125
1,2-Dichlorobenzene	10.0	11.6	116	1.91	30	63 - 122
1,2-Dichloroethane	10.0	13.8	138 *	0.0726	30	68 - 131
1,2-Dichloropropane	10.0	12.8	128 *	2.53	30	77 - 121
1,3,5-Trimethylbenzene	10.0	11.4	114	2.57	30	69 - 126
1,3-Dichlorobenzene	10.0	11.3	113	3.33	30	74 - 119
1,3-Dichloropropane	10.0	13.2	132 *	1.21	30	77 - 119
1,4-Dichlorobenzene	10.0	11.0	110	3.05	30	70 - 124
1,4-Dioxane	210	266	126	4.03	30	10 - 310
2-Butanone	10.0	12.5	125	3.85	30	10 - 193
2-Hexanone	10.0	10.6	106	4.32	30	53 - 133
4-Methyl-2-pentanone	10.0	12.6	126	4.42	30	38 - 150
Acetone	10.0	22.2	207 *	4.61	30	13 - 149
Acrolein	10.0	6.58	65.8	3.44	30	10 - 195
Acrylonitrile	10.0	13.6	136	5.32	30	37 - 165
Benzene	10.0	15.2	152	3.42	30	38 - 155
Bromochloromethane	10.0	13.2	132 *	0.904	30	75 - 121
Bromodichloromethane	10.0	14.1	141 *	1.50	30	70 - 129
Bromoform	10.0	14.5	145 *	1.58	30	66 - 136
Bromomethane	10.0	6.93	69.3	35.5 *	30	30 - 158

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50633	Laboratory ID:	BA50633-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	51.4	103	75 - 129
1,1,1-Trichloroethane	50.0	48.0	96.0	71 - 137
1,1,2,2-Tetrachloroethane	50.0	60.6	121	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	41.1	82.2	58 - 146
1,1,2-Trichloroethane	50.0	54.1	108	83 - 123
1,1-Dichloroethane	50.0	49.7	99.4	75 - 130
1,1-Dichloroethylene	50.0	51.7	103	64 - 137
1,2,3-Trichlorobenzene	50.0	47.6	95.3	81 - 140
1,2,3-Trichloropropane	50.0	56.9	114	81 - 126
1,2,4-Trichlorobenzene	50.0	47.3	94.6	80 - 141
1,2,4-Trimethylbenzene	50.0	50.7	101	84 - 125
1,2-Dibromo-3-chloropropane	50.0	48.6	97.2	74 - 142
1,2-Dibromoethane	50.0	54.3	109	86 - 123
1,2-Dichlorobenzene	50.0	48.4	96.9	85 - 122
1,2-Dichloroethane	50.0	56.3	113	71 - 133
1,2-Dichloropropane	50.0	53.0	106	81 - 122
1,3,5-Trimethylbenzene	50.0	49.4	98.9	82 - 126
1,3-Dichlorobenzene	50.0	47.8	95.7	84 - 124
1,4-Dichlorobenzene	50.0	47.0	94.1	84 - 124
1,4-Dioxane	1050	858	81.7	10 - 228
2-Butanone	50.0	49.9	99.8	58 - 147
2-Hexanone	50.0	55.1	110	70 - 139
4-Methyl-2-pentanone	50.0	59.5	119	72 - 132
Acetone	50.0	126	252 *	36 - 155
Acrolein	50.0	37.2	74.4	10 - 238
Acrylonitrile	50.0	52.5	105	66 - 141
Benzene	50.0	50.7	101	77 - 127
Bromochloromethane	50.0	54.3	109	74 - 129
Bromodichloromethane	50.0	54.3	109	81 - 124
Bromoform	50.0	52.3	105	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50633	Laboratory ID:	BA50633-BS1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromomethane	50.0	45.7	91.4	32 - 177
Carbon disulfide	50.0	51.0	102	10 - 136
Carbon tetrachloride	50.0	48.0	96.0	66 - 143
Chlorobenzene	50.0	49.2	98.4	86 - 120
Chloroethane	50.0	45.8	91.5	51 - 142
Chloroform	50.0	49.9	99.9	76 - 131
Chloromethane	50.0	35.6	71.1	49 - 132
cis-1,2-Dichloroethylene	50.0	51.6	103	74 - 132
cis-1,3-Dichloropropylene	50.0	52.5	105	81 - 129
Cyclohexane	50.0	47.9	95.8	70 - 130
Dibromochloromethane	50.0	51.8	104	10 - 200
Dibromomethane	50.0	51.5	103	83 - 124
Dichlorodifluoromethane	50.0	19.9	39.8	28 - 158
Ethyl Benzene	50.0	50.9	102	84 - 125
Hexachlorobutadiene	50.0	36.4	72.8 *	83 - 133
Isopropylbenzene	50.0	50.4	101	81 - 127
Methyl acetate	50.0	50.2	100	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	55.2	110	74 - 131
Methylcyclohexane	50.0	40.2	80.5	70 - 130
Methylene chloride	50.0	50.6	101	57 - 141
n-Butylbenzene	50.0	44.7	89.3	80 - 130
n-Propylbenzene	50.0	50.1	100	74 - 136
o-Xylene	50.0	50.3	101	83 - 123
p- & m- Xylenes	100	100	100	82 - 128
p-Isopropyltoluene	50.0	46.3	92.6	85 - 125
sec-Butylbenzene	50.0	45.5	91.0	83 - 125
Styrene	50.0	51.7	103	86 - 126
tert-Butyl alcohol (TBA)	250	232	92.9	70 - 130
tert-Butylbenzene	50.0	41.5	82.9	80 - 127
Tetrachloroethylene	50.0	40.5	81.0	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50633	Laboratory ID:	BA50633-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	50.0	52.0	104	1.16	30	75 - 129
1,1,1-Trichloroethane	50.0	49.1	98.1	2.23	30	71 - 137
1,1,2,2-Tetrachloroethane	50.0	61.7	123	1.86	30	79 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	45.3	90.7	9.81	30	58 - 146
1,1,2-Trichloroethane	50.0	55.1	110	1.87	30	83 - 123
1,1-Dichloroethane	50.0	50.9	102	2.37	30	75 - 130
1,1-Dichloroethylene	50.0	53.9	108	4.09	30	64 - 137
1,2,3-Trichlorobenzene	50.0	50.9	102	6.52	30	81 - 140
1,2,3-Trichloropropane	50.0	58.6	117	2.93	30	81 - 126
1,2,4-Trichlorobenzene	50.0	50.5	101	6.58	30	80 - 141
1,2,4-Trimethylbenzene	50.0	52.9	106	4.25	30	84 - 125
1,2-Dibromo-3-chloropropane	50.0	50.2	100	3.12	30	74 - 142
1,2-Dibromoethane	50.0	55.5	111	2.11	30	86 - 123
1,2-Dichlorobenzene	50.0	50.0	100	3.25	30	85 - 122
1,2-Dichloroethane	50.0	57.5	115	2.09	30	71 - 133
1,2-Dichloropropane	50.0	53.1	106	0.208	30	81 - 122
1,3,5-Trimethylbenzene	50.0	52.4	105	5.74	30	82 - 126
1,3-Dichlorobenzene	50.0	49.3	98.6	3.01	30	84 - 124
1,4-Dichlorobenzene	50.0	48.7	97.4	3.41	30	84 - 124
1,4-Dioxane	1050	909	86.6	5.74	30	10 - 228
2-Butanone	50.0	53.2	106	6.38	30	58 - 147
2-Hexanone	50.0	57.2	114	3.63	30	70 - 139
4-Methyl-2-pentanone	50.0	61.7	123	3.61	30	72 - 132
Acetone	50.0	133	266 *	5.48	30	36 - 155
Acrolein	50.0	39.7	79.4	6.56	30	10 - 238
Acrylonitrile	50.0	55.9	112	6.29	30	66 - 141
Benzene	50.0	51.9	104	2.34	30	77 - 127
Bromochloromethane	50.0	55.2	110	1.61	30	74 - 129
Bromodichloromethane	50.0	54.6	109	0.532	30	81 - 124
Bromoform	50.0	53.5	107	2.34	30	80 - 136

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50633	Laboratory ID:	BA50633-BSD1
Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromomethane	50.0	47.8	95.6		4.51	30	32 - 177
Carbon disulfide	50.0	51.1	102		0.353	30	10 - 136
Carbon tetrachloride	50.0	49.9	99.7		3.82	30	66 - 143
Chlorobenzene	50.0	49.9	99.7		1.39	30	86 - 120
Chloroethane	50.0	46.5	93.0		1.63	30	51 - 142
Chloroform	50.0	50.9	102		2.00	30	76 - 131
Chloromethane	50.0	36.5	73.0		2.58	30	49 - 132
cis-1,2-Dichloroethylene	50.0	52.6	105		1.94	30	74 - 132
cis-1,3-Dichloropropylene	50.0	52.7	105		0.475	30	81 - 129
Cyclohexane	50.0	52.3	105		8.80	30	70 - 130
Dibromochloromethane	50.0	52.9	106		2.10	30	10 - 200
Dibromomethane	50.0	51.9	104		0.812	30	83 - 124
Dichlorodifluoromethane	50.0	24.2	48.4		19.3	30	28 - 158
Ethyl Benzene	50.0	52.0	104		2.08	30	84 - 125
Hexachlorobutadiene	50.0	38.9	77.8	*	6.75	30	83 - 133
Isopropylbenzene	50.0	52.8	106		4.84	30	81 - 127
Methyl acetate	50.0	52.2	104		3.99	30	41 - 143
Methyl tert-butyl ether (MTBE)	50.0	56.9	114		3.09	30	74 - 131
Methylcyclohexane	50.0	45.6	91.2		12.5	30	70 - 130
Methylene chloride	50.0	51.2	102		1.08	30	57 - 141
n-Butylbenzene	50.0	49.0	98.1		9.35	30	80 - 130
n-Propylbenzene	50.0	53.0	106		5.57	30	74 - 136
o-Xylene	50.0	51.3	103		2.03	30	83 - 123
p- & m- Xylenes	100	102	102		1.80	30	82 - 128
p-Isopropyltoluene	50.0	50.3	101		8.29	30	85 - 125
sec-Butylbenzene	50.0	49.6	99.3		8.70	30	83 - 125
Styrene	50.0	53.0	106		2.39	30	86 - 126
tert-Butyl alcohol (TBA)	250	251	100		7.55	30	70 - 130
tert-Butylbenzene	50.0	44.9	89.8		8.01	30	80 - 127
Tetrachloroethylene	50.0	41.4	82.8		2.25	30	80 - 129

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50773	Laboratory ID:	BA50773-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	11.3	113	82 - 126
1,1,1-Trichloroethane	10.0	9.74	97.4	78 - 136
1,1,2,2-Tetrachloroethane	10.0	11.9	119	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.64	86.4	54 - 165
1,1,2-Trichloroethane	10.0	11.0	110	82 - 123
1,1-Dichloroethane	10.0	9.73	97.3	82 - 129
1,1-Dichloroethylene	10.0	9.09	90.9	68 - 138
1,2,3-Trichlorobenzene	10.0	9.28	92.8	76 - 136
1,2,3-Trichloropropane	10.0	11.6	116	77 - 128
1,2,4-Trichlorobenzene	10.0	10.0	100	76 - 137
1,2,4-Trimethylbenzene	10.0	11.4	114	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.1	101	45 - 147
1,2-Dibromoethane	10.0	11.0	110	83 - 124
1,2-Dichlorobenzene	10.0	10.9	109	79 - 123
1,2-Dichloroethane	10.0	10.0	100	73 - 132
1,2-Dichloropropane	10.0	10.9	109	78 - 126
1,3,5-Trimethylbenzene	10.0	11.3	113	80 - 131
1,3-Dichlorobenzene	10.0	10.8	108	86 - 122
1,3-Dichloropropane	10.0	11.0	110	81 - 125
1,4-Dichlorobenzene	10.0	10.8	108	85 - 124
1,4-Dioxane	210	227	108	10 - 349
2-Butanone	10.0	8.95	89.5	49 - 152
2-Hexanone	10.0	8.69	86.9	51 - 146
4-Methyl-2-pentanone	10.0	10.5	105	57 - 145
Acetone	10.0	15.9	159 *	14 - 150
Acrolein	10.0	9.03	90.3	10 - 153
Acrylonitrile	10.0	11.0	110	51 - 150
Benzene	10.0	10.3	103	85 - 126
Bromochloromethane	10.0	9.89	98.9	77 - 128
Bromodichloromethane	10.0	11.1	111	79 - 128

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50773	Laboratory ID:	BA50773-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	9.96	99.6	78 - 133
Bromomethane	10.0	6.06	60.6	43 - 168
Carbon disulfide	10.0	8.50	85.0	68 - 146
Carbon tetrachloride	10.0	9.95	99.5	77 - 141
Chlorobenzene	10.0	11.1	111	88 - 120
Chloroethane	10.0	7.41	74.1	65 - 136
Chloroform	10.0	10.1	101	82 - 128
Chloromethane	10.0	3.95	39.5 *	43 - 155
cis-1,2-Dichloroethylene	10.0	10.1	101	83 - 129
cis-1,3-Dichloropropylene	10.0	11.0	110	80 - 131
Cyclohexane	10.0	9.08	90.8	63 - 149
Dibromochloromethane	10.0	11.1	111	80 - 130
Dibromomethane	10.0	10.6	106	72 - 134
Dichlorodifluoromethane	10.0	1.14	11.4 *	44 - 144
Ethyl Benzene	10.0	11.5	115	80 - 131
Hexachlorobutadiene	10.0	9.14	91.4	67 - 146
Isopropylbenzene	10.0	11.7	117	76 - 140
Methyl acetate	10.0	9.67	96.7	51 - 139
Methyl tert-butyl ether (MTBE)	10.0	9.92	99.2	76 - 135
Methylcyclohexane	10.0	9.49	94.9	72 - 143
Methylene chloride	10.0	9.45	94.5	55 - 137
Naphthalene	10.0	10.2	102	70 - 147
n-Butylbenzene	10.0	10.5	105	79 - 132
n-Propylbenzene	10.0	11.4	114	78 - 133
o-Xylene	10.0	11.1	111	78 - 130
p- & m- Xylenes	20.0	22.5	112	77 - 133
p-Diethylbenzene	10.0	10.1	101	84 - 134
p-Ethyltoluene	10.0	11.3	113	88 - 129
p-Isopropyltoluene	10.0	11.0	110	81 - 136
sec-Butylbenzene	10.0	10.8	108	79 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50773	Laboratory ID:	BA50773-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
Styrene	10.0	11.4	114	67 - 132
tert-Butyl alcohol (TBA)	50.0	55.9	112	25 - 162
tert-Butylbenzene	10.0	11.0	110	77 - 138
Tetrachloroethylene	10.0	6.74	67.4 *	82 - 131
Toluene	10.0	11.1	111	80 - 127
trans-1,2-Dichloroethylene	10.0	9.69	96.9	80 - 132
trans-1,3-Dichloropropylene	10.0	11.1	111	78 - 131
Trichloroethylene	10.0	10.7	107	82 - 128
Trichlorofluoromethane	10.0	7.23	72.3	67 - 139
Vinyl Chloride	10.0	5.03	50.3 *	58 - 145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50784	Laboratory ID:	BA50784-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.4	104	82 - 126
1,1,1-Trichloroethane	10.0	12.4	124	78 - 136
1,1,2,2-Tetrachloroethane	10.0	10.8	108	76 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	13.5	135	54 - 165
1,1,2-Trichloroethane	10.0	11.3	113	82 - 123
1,1-Dichloroethane	10.0	11.2	112	82 - 129
1,1-Dichloroethylene	10.0	12.2	122	68 - 138
1,2,3-Trichlorobenzene	10.0	12.6	126	76 - 136
1,2,3-Trichloropropane	10.0	10.6	106	77 - 128
1,2,4-Trichlorobenzene	10.0	12.1	121	76 - 137
1,2,4-Trimethylbenzene	10.0	10.7	107	82 - 132
1,2-Dibromo-3-chloropropane	10.0	10.8	108	45 - 147
1,2-Dibromoethane	10.0	11.9	119	83 - 124
1,2-Dichlorobenzene	10.0	10.8	108	79 - 123
1,2-Dichloroethane	10.0	11.4	114	73 - 132
1,2-Dichloropropane	10.0	10.2	102	78 - 126
1,3,5-Trimethylbenzene	10.0	10.6	106	80 - 131
1,3-Dichlorobenzene	10.0	11.0	110	86 - 122
1,3-Dichloropropane	10.0	10.8	108	81 - 125
1,4-Dichlorobenzene	10.0	10.8	108	85 - 124
1,4-Dioxane	210	224	107	10 - 349
2-Butanone	10.0	10.6	106	49 - 152
2-Hexanone	10.0	8.59	85.9	51 - 146
4-Methyl-2-pentanone	10.0	10.1	101	57 - 145
Acetone	10.0	18.0	180 *	14 - 150
Acrolein	10.0	6.11	61.1	10 - 153
Acrylonitrile	10.0	11.6	116	51 - 150
Benzene	10.0	12.2	122	85 - 126
Bromochloromethane	10.0	10.8	108	77 - 128
Bromodichloromethane	10.0	11.5	115	79 - 128

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Soil	Laboratory ID:	BA50633-BLK1	File ID:	V2-632935.D
Prepared:	01/11/25 10:00	Preparation:	EPA 5035A	Initial/Final:	5 g / 5 ml
Analyzed:	01/11/25 11:36	Instrument:	MS VOA 2		
Batch:	BA50633	Sequence:	S5A1323	Calibration:	SA50015

CAS NO.	COMPOUND	CONC. (mg/kg wet)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.0050	U
71-55-6	1,1,1-Trichloroethane	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U
75-35-4	1,1-Dichloroethylene	0.0050	U
87-61-6	1,2,3-Trichlorobenzene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U
120-82-1	1,2,4-Trichlorobenzene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0050	U
96-12-8	1,2-Dibromo-3-chloropropane	0.0050	U
106-93-4	1,2-Dibromoethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U
78-87-5	1,2-Dichloropropane	0.0050	U
108-67-8	1,3,5-Trimethylbenzene	0.0050	U
541-73-1	1,3-Dichlorobenzene	0.0050	U
106-46-7	1,4-Dichlorobenzene	0.0050	U
123-91-1	1,4-Dioxane	0.10	U
78-93-3	2-Butanone	0.0050	U
591-78-6	2-Hexanone	0.0050	U
108-10-1	4-Methyl-2-pentanone	0.0050	U
67-64-1	Acetone	0.0065	J
107-02-8	Acrolein	0.010	U
107-13-1	Acrylonitrile	0.0050	U
71-43-2	Benzene	0.0050	U
74-97-5	Bromochloromethane	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U
75-25-2	Bromoform	0.0050	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Water	Laboratory ID:	BA50773-BLK1	File ID:	V10C09783.D
Prepared:	01/14/25 08:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	01/14/25 10:15	Instrument:	VOA No. 10		
Batch:	BA50773	Sequence:	S5A1421	Calibration:	SA50001

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.250	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
142-28-9	1,3-Dichloropropane	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Water	Laboratory ID:	BA50773-BLK1	File ID:	V10C09783.D
Prepared:	01/14/25 08:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	01/14/25 10:15	Instrument:	VOA No. 10		
Batch:	BA50773	Sequence:	S5A1421	Calibration:	SA50001

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	0.500	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.400	J
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
91-20-3	Naphthalene	0.240	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Water	Laboratory ID:	BA50784-BLK1	File ID:	V8-002271.D
Prepared:	01/14/25 08:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	01/14/25 11:57	Instrument:	VOA No. 8		
Batch:	BA50784	Sequence:	S5A1505	Calibration:	SA50018

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.500	U
71-55-6	1,1,1-Trichloroethane	0.500	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.500	U
79-00-5	1,1,2-Trichloroethane	0.500	U
75-34-3	1,1-Dichloroethane	0.500	U
75-35-4	1,1-Dichloroethylene	0.500	U
87-61-6	1,2,3-Trichlorobenzene	0.260	J
96-18-4	1,2,3-Trichloropropane	0.500	U
120-82-1	1,2,4-Trichlorobenzene	0.500	U
95-63-6	1,2,4-Trimethylbenzene	0.500	U
96-12-8	1,2-Dibromo-3-chloropropane	0.500	U
106-93-4	1,2-Dibromoethane	0.500	U
95-50-1	1,2-Dichlorobenzene	0.500	U
107-06-2	1,2-Dichloroethane	0.500	U
78-87-5	1,2-Dichloropropane	0.500	U
108-67-8	1,3,5-Trimethylbenzene	0.500	U
541-73-1	1,3-Dichlorobenzene	0.500	U
142-28-9	1,3-Dichloropropane	0.500	U
106-46-7	1,4-Dichlorobenzene	0.500	U
123-91-1	1,4-Dioxane	80.0	U
78-93-3	2-Butanone	0.500	U
591-78-6	2-Hexanone	0.500	U
108-10-1	4-Methyl-2-pentanone	0.500	U
67-64-1	Acetone	2.00	U
107-02-8	Acrolein	0.500	U
107-13-1	Acrylonitrile	0.500	U
71-43-2	Benzene	0.500	U
74-97-5	Bromochloromethane	0.500	U
75-27-4	Bromodichloromethane	0.500	U

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Water	Laboratory ID:	BA50784-BLK1	File ID:	V8-002271.D
Prepared:	01/14/25 08:00	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	01/14/25 11:57	Instrument:	VOA No. 8		
Batch:	BA50784	Sequence:	S5A1505	Calibration:	SA50018

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	0.500	U
74-83-9	Bromomethane	0.500	U
75-15-0	Carbon disulfide	0.500	U
56-23-5	Carbon tetrachloride	0.500	U
108-90-7	Chlorobenzene	0.500	U
75-00-3	Chloroethane	0.500	U
67-66-3	Chloroform	0.500	U
74-87-3	Chloromethane	0.500	U
156-59-2	cis-1,2-Dichloroethylene	0.500	U
10061-01-5	cis-1,3-Dichloropropylene	0.500	U
110-82-7	Cyclohexane	0.500	U
124-48-1	Dibromochloromethane	0.500	U
74-95-3	Dibromomethane	0.500	U
75-71-8	Dichlorodifluoromethane	0.500	U
100-41-4	Ethyl Benzene	0.500	U
87-68-3	Hexachlorobutadiene	0.500	U
98-82-8	Isopropylbenzene	0.500	U
79-20-9	Methyl acetate	0.500	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.500	U
108-87-2	Methylcyclohexane	0.500	U
75-09-2	Methylene chloride	2.00	U
91-20-3	Naphthalene	0.250	J
104-51-8	n-Butylbenzene	0.500	U
103-65-1	n-Propylbenzene	0.500	U
95-47-6	o-Xylene	0.500	U
179601-23-1	p- & m- Xylenes	1.00	U
105-05-5	p-Diethylbenzene	0.500	U
622-96-8	p-Ethyltoluene	0.500	U
99-87-6	p-Isopropyltoluene	0.500	U
135-98-8	sec-Butylbenzene	0.500	U

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50001
Instrument: VOA No. 10
Calibration Date: 12/30/24 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2609627	8.701154	9.3145	0.0101414			20	
1,1,1-Trichloroethane	1.841478	7.723401	5.52275	1.560883E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3506455	8.145875	10.66275	2.043736E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.047945	3.02735	3.303375	0.1066313			SPCC (0.1)	
1,1,2-Trichloroethane	0.1599076	9.460577	8.211	0.0249409			SPCC (0.1)	
1,1-Dichloroethane	1.976861	6.73606	4.523	1.294853E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.472864	6.080708	3.33925	6.467553E-02			SPCC (0.1)	
1,1-Dichloropropylene	1.596906	7.120766	5.67275	5.421811E-02			20	
1,2,3-Trichlorobenzene	0.1999348	8.468697	14.62575	1.287693E-02			20	
1,2,3-Trichloropropane	0.1088787	10.35215	10.717	2.856958E-02			20	
1,2,3-Trimethylbenzene	2.716381	4.676415	11.8065	8.111446E-03			20	
1,2,4,5-Tetramethylbenzene	1.880743	3.778297	12.99088	1.152854E-02			20	
1,2,4-Trichlorobenzene	0.3608705	7.914268	14.04575	6.491634E-03			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.945789	7.124252	11.31475	1.358612E-02			20	
1,2-Dibromo-3-chloropropane	4.385185E-02	19.08444	13.14675	2.426146E-02		0.9995409	SPCC (0.05)	
1,2-Dibromoethane	0.1449339	11.06735	8.7555	2.318997E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.114027	6.925076	12.22175	2.162328E-02			SPCC (0.4)	
1,2-Dichloroethane	1.042428	5.964192	5.94825	3.082489E-02			SPCC (0.1)	
1,2-Dichloropropane	0.2736607	6.635397	6.742	0.0198476			SPCC (0.1)	
1,3,5-Trimethylbenzene	3.116411	6.898981	10.88713	3.229521E-02			20	
1,3-Dichlorobenzene	1.446625	5.213793	11.683	2.783761E-02			SPCC (0.6)	
1,3-Dichloropropane	0.2893546	8.035812	8.3835	3.874508E-02			20	
1,4-Dichlorobenzene	1.39656	5.557015	11.78425	3.053819E-02			SPCC (0.5)	
1,4-Dioxane	9.423779E-04	12.76328	6.87375	6.449695E-02			20	
2,2-Dichloropropane	1.772647	6.359135	5.053	1.381364E-02			20	
2-Butanone	5.157977E-02	36.60549	5.099	6.264587E-02		0.9996724	SPCC (0.1)	
2-Chlorotoluene	3.104318	4.992741	10.83325	2.255696E-02			20	
2-Hexanone	6.025482E-02	16.34578	8.41575	3.430372E-02		0.9996769	SPCC (0.1)	
4-Chlorotoluene	2.689035	6.0015	10.95488	2.496968E-02			20	
4-Methyl-2-pentanone	8.430239E-02	12.15588	7.56725	3.914733E-02			SPCC (0.1)	
Acetone	0.1577066	12.59889	3.44175	0.1293249			SPCC (0.1)	
Acrolein	5.243959E-02	14.47649	3.288125	0.2269221			20	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers Project: ORFD2301

Calibration: SA50001 Instrument: VOA No. 10

Calibration Date: 12/30/24 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acrylonitrile	0.1173043	13.28889	4.14725	0.1318558			20	
Allyl chloride	1.441527	6.437287	3.7165	0.0745477			20	
Benzene	4.587568	6.220513	5.888	1.446277E-02			SPCC (0.5)	
Bromobenzene	1.219489	5.526013	10.6435	1.700512E-02			20	
Bromochloromethane	0.6703447	6.364772	5.3275	6.145535E-03			20	
Bromodichloromethane	0.3451965	9.249958	7.022	1.818925E-02			SPCC (0.2)	
Bromoform	9.172527E-02	16.71603	10.16425	2.810369E-02		0.9996347	SPCC (0.1)	
Bromomethane	0.5389184	14.73677	2.4275	0.1751418			SPCC (0.1)	
Carbon disulfide	2.768602	4.121767	3.572	0.0165853			SPCC (0.1)	
Carbon tetrachloride	1.603062	8.700332	5.66375	2.953062E-02			SPCC (0.1)	
Chlorobenzene	0.8450926	5.793662	9.22525	3.564221E-02			SPCC (0.5)	
Chloroethane	0.7633691	2.141634	2.536625	0.1740558			SPCC (0.1)	
Chloroform	1.946809	6.765055	5.38725	3.983778E-02			SPCC (0.2)	
Chloromethane	0.8769418	3.445469	1.94025	0.1598716			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.72544	7.189464	5.083125	4.266663E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.4296003	9.52041	7.443	5.565234E-03			SPCC (0.2)	
Cyclohexane	2.03037	3.263114	5.53575	3.677698E-02			SPCC (0.1)	
Dibromochloromethane	0.1971311	12.91354	8.628125	3.529494E-02			SPCC (0.1)	
Dibromomethane	0.1120918	8.827225	6.88725	3.567364E-02			20	
Dichlorodifluoromethane	0.9430334	3.418354	1.718875	0.1447386			SPCC (0.1)	
Diisopropyl ether (DIPE)	2.724084	3.973814	4.492	0.0181092			20	
Ethyl Benzene	1.562825	5.937643	9.2975	2.430335E-02			SPCC (0.1)	
Ethyl Ether	0.4886662	5.661848	3.084857	7.510712E-02			20	
Ethyl tert-butyl ether (ETBE)	2.467876	5.368149	4.8385	5.939184E-02			20	
Freon 115	2.669267E-02	20.81818	1.554125	0.1889487		0.9995071	0.99	
Freon 123	1.507239	3.923356	3.20375	0.1402319			20	
Freon 152a	0.7128312	3.937715	1.6955	0.1639999			20	
Freon 22	0.9851777	2.084924	1.749	1.990251E-02			20	
Hexachlorobutadiene	0.2579258	10.28804	14.18288	2.099386E-02			20	
Iodomethane	0.8612458	42.3909	3.52375	5.717934E-02		0.9981458	0.99	
Isopropylbenzene	4.098483	5.858526	10.24175	1.594191E-02			SPCC (0.1)	
Methyl acetate	0.3331021	8.289547	4.056125	0.1199566			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50015
Instrument: MS VOA 2
Calibration Date: 01/09/25 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.4983331	16.75998	3.474714	6.886237E-02		0.9946245	SPCC (0.1)	
Acrolein	0.2389431	14.61805	3.205	2.011633E-02			20	
Acrylonitrile	0.417837	9.421455	4.157143	6.205242E-02			20	
Allyl chloride	1.45979	10.73437	3.327	1.963642E-02			20	
Benzene	3.818334	7.967837	5.309	1.890159E-02			SPCC (0.5)	
Bromobenzene	1.084548	10.56773	9.954	1.754466E-02			20	
Bromochloromethane	0.718815	7.397785	4.747143	4.431032E-02			20	
Bromodichloromethane	0.2957221	16.48912	6.333	9.539886E-03		0.9992613	SPCC (0.2)	
Bromoform	0.1073324	20.61393	9.297714	2.661326E-02		0.9997173	SPCC (0.1)	
Bromomethane	0.4249589	17.81546	2.151	1.459852E-02		0.9903103	SPCC (0.1)	
Carbon disulfide	2.167448	9.024024	2.913	2.135319E-02			SPCC (0.1)	
Carbon tetrachloride	0.9367595	14.56995	4.926714	5.968748E-02			SPCC (0.1)	
Chlorobenzene	0.6486873	7.91532	8.598429	0.0357339			SPCC (0.5)	
Chloroethane	0.307899	15.01028	2.272	0.1094775		0.9946223	SPCC (0.1)	
Chloroform	1.457217	9.503518	4.809	2.086683E-02			SPCC (0.2)	
Chloromethane	0.5546835	10.35722	1.756143	0.1907381			SPCC (0.1)	
cis-1,2-Dichloroethylene	1.240404	7.740965	4.576143	5.101682E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.4168927	14.19996	6.906	1.666499E-02			SPCC (0.2)	
Cyclohexane	1.738121	7.559643	4.748	1.850322E-02			SPCC (0.1)	
Dibromochloromethane	0.1938206	17.03984	7.845857	2.884731E-02			SPCC (0.1)	
Dibromomethane	0.141016	13.37917	6.192857	2.053312E-02			20	
Dichlorodifluoromethane	0.2976461	20.55481	1.5654	3.262552E-02		0.9883832	SPCC (0.1)	*
Diisopropyl ether (DIPE)	3.168476	7.350914	3.993714	0.0726738			20	
Ethanol	1.248061E-02	4.014016	2.861429	0.1651309			20	
Ethyl Benzene	1.105282	8.289279	8.621572	3.943609E-02			SPCC (0.1)	
Ethyl Ether	0.6075322	6.212098	2.705571	1.827382E-02			20	
Ethyl Methacrylate	0.3538967	15.92606	7.660286	3.552787E-02			20	
Ethyl tert-butyl ether (ETBE)	2.749688	7.775604	4.309	2.328813E-02			20	
Hexachlorobutadiene	0.2992423	12.5466	13.25714	1.345667E-02			20	
Hexachloroethane	0.3022521	17.09872	11.527	1.927337E-02			20	
Iodomethane	0.537779	20.22467	3.023714	7.654103E-02		0.9951925	0.99	
Isopropylbenzene	2.576153	12.53037	9.541571	2.931131E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50018
Instrument: VOA No. 8
Calibration Date: 01/08/25 08:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.2161407	19.25177	8.60775	1.497798E-02		0.9984214	0.99	
1,1,1-Trichloroethane	1.357493	13.64509	4.861	5.831771E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.469484	6.469928	9.959125	2.883924E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.780126	4.816001	2.749375	8.580337E-02			SPCC (0.1)	
1,1,2-Trichloroethane	0.1667084	9.101118	7.51875	0.0232025			SPCC (0.1)	
1,1-Dichloroethane	1.747631	6.432684	3.898	1.660302E-02			SPCC (0.2)	
1,1-Dichloroethylene	1.273096	4.294327	2.779	5.301619E-03			SPCC (0.1)	
1,1-Dichloropropylene	1.292615	8.349899	5.011875	1.795418E-02			20	
1,2,3-Trichlorobenzene	0.2769422	18.43686	13.863	1.358242E-02		0.9997585	0.99	
1,2,3-Trichloropropane	0.1373938	7.747735	10.00075	3.750861E-02			20	
1,2,3-Trimethylbenzene	2.239959	7.25516	11.083	2.841391E-02			20	
1,2,4,5-Tetramethylbenzene	1.572595	8.370131	12.2675	2.932799E-02			20	
1,2,4-Trichlorobenzene	0.3774704	16.27764	13.2925	2.733323E-02		0.9999726	SPCC (0.2)	
1,2,4-Trimethylbenzene	2.23068	8.505009	10.60213	1.654842E-02			20	
1,2-Dibromo-3-chloropropane	5.552596E-02	16.78451	12.40375	2.582556E-02		0.9999114	SPCC (0.05)	
1,2-Dibromoethane	0.1479204	11.01027	8.041	2.128531E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.025346	7.623425	11.48	2.373233E-02			SPCC (0.4)	
1,2-Dichloroethane	0.9325858	7.521195	5.279	0.0188593			SPCC (0.1)	
1,2-Dichloropropane	0.2787984	6.104349	6.058	0.0205382			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.287892	8.010703	10.17812	3.046257E-02			20	
1,3-Dichlorobenzene	1.191713	10.70806	10.94975	1.668411E-02			SPCC (0.6)	
1,3-Dichloropropane	0.3179021	6.114308	7.68575	3.967576E-02			20	
1,4-Dichlorobenzene	1.169847	9.922041	11.05363	1.379528E-02			SPCC (0.5)	
1,4-Dioxane	1.499511E-03	9.823877	6.198	1.002883E-02			20	
2,2-Dichloropropane	1.158893	18.70147	4.406	7.113364E-02		0.9999251	0.99	
2-Butanone	7.235631E-02	20.47967	4.467	7.050679E-02		0.9989001	SPCC (0.1)	
2-Chlorotoluene	2.461103	10.52374	10.11075	8.578364E-03			20	
2-Hexanone	0.1199296	14.88238	7.74	0.0387833			SPCC (0.1)	
4-Chlorotoluene	2.147784	7.699596	10.2325	0.0320637			20	
4-Methyl-2-pentanone	0.150931	11.15349	6.8975	1.399833E-02			SPCC (0.1)	
Acetone	0.2635742	15.17763	2.87975	0.1065538		0.9950755	SPCC (0.1)	
Acrolein	9.610655E-02	18.51828	2.733	0.1655205		0.9998323	0.99	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50001
Laboratory ID: S5A0201-SCV1
Sequence: S5A0201
Standard ID: S24L408

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	9.08	-9.2	30.00
1,1,1-Trichloroethane	10.0	8.99	-10.1	30.00
1,1,2,2-Tetrachloroethane	10.0	8.49	-15.1	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.32	-6.8	30.00
1,1,2-Trichloroethane	10.0	8.54	-14.6	30.00
1,1-Dichloroethane	10.0	8.93	-10.7	30.00
1,1-Dichloroethylene	10.0	9.70	-3.0	30.00
1,2,3-Trichlorobenzene	10.0	8.23	-17.7	30.00
1,2,3-Trichloropropane	10.0	8.77	-12.3	30.00
1,2,4-Trichlorobenzene	10.0	8.67	-13.3	30.00
1,2,4-Trimethylbenzene	10.0	9.58	-4.2	30.00
1,2-Dibromo-3-chloropropane	10.0	7.67	-23.3	30.00
1,2-Dibromoethane	10.0	8.48	-15.2	30.00
1,2-Dichlorobenzene	10.0	8.79	-12.1	30.00
1,2-Dichloroethane	10.0	8.38	-16.2	30.00
1,2-Dichloropropane	10.0	9.07	-9.3	30.00
1,3,5-Trimethylbenzene	10.0	9.56	-4.4	30.00
1,3-Dichlorobenzene	10.0	8.86	-11.4	30.00
1,3-Dichloropropane	10.0	8.55	-14.5	30.00
1,4-Dichlorobenzene	10.0	8.80	-12.0	30.00
1,4-Dioxane	210	159	-24.2	30.00
2-Butanone	10.0	7.21	-27.9	30.00
2-Hexanone	10.0	6.51	-34.9 *	30.00
4-Methyl-2-pentanone	10.0	7.82	-21.8	30.00
Acetone	10.0	14.2	42.5 *	30.00
Acrolein	10.0	4.44	-55.6 *	30.00
Acrylonitrile	10.0	8.64	-13.6	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50001
Laboratory ID: S5A0201-SCV1
Sequence: S5A0201
Standard ID: S24L408

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Benzene	10.0	9.22	-7.8	30.00
Bromochloromethane	10.0	8.36	-16.4	30.00
Bromodichloromethane	10.0	8.94	-10.6	30.00
Bromoform	10.0	7.65	-23.5	30.00
Bromomethane	10.0	10.8	7.9	30.00
Carbon disulfide	10.0	9.63	-3.7	30.00
Carbon tetrachloride	10.0	9.27	-7.3	30.00
Chlorobenzene	10.0	9.01	-9.9	30.00
Chloroethane	10.0	9.67	-3.3	30.00
Chloroform	10.0	8.96	-10.4	30.00
Chloromethane	10.0	9.92	-0.8	30.00
cis-1,2-Dichloroethylene	10.0	8.99	-10.1	30.00
cis-1,3-Dichloropropylene	10.0	8.61	-13.9	30.00
Cyclohexane	10.0	8.96	-10.4	30.00
Dibromochloromethane	10.0	8.65	-13.5	30.00
Dibromomethane	10.0	8.44	-15.6	30.00
Dichlorodifluoromethane	10.0	9.70	-3.0	30.00
Ethyl Benzene	10.0	9.51	-4.9	30.00
Hexachlorobutadiene	10.0	9.67	-3.3	30.00
Isopropylbenzene	10.0	9.74	-2.6	30.00
Methyl acetate	10.0	7.94	-20.6	30.00
Methyl tert-butyl ether (MTBE)	10.0	8.07	-19.3	30.00
Methylcyclohexane	10.0	8.80	-12.0	30.00
Methylene chloride	10.0	8.84	-11.6	30.00
Naphthalene	10.0	8.40	-16.0	30.00
n-Butylbenzene	10.0	9.39	-6.1	30.00
n-Propylbenzene	10.0	9.54	-4.6	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50001
Laboratory ID: S5A0201-SCV1
Sequence: S5A0201
Standard ID: S24L408

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
o-Xylene	10.0	9.07	-9.3	30.00
p- & m- Xylenes	20.0	18.5	-7.6	30.00
p-Diethylbenzene	10.0	8.96	-10.4	30.00
p-Ethyltoluene	10.0	9.33	-6.7	30.00
p-Isopropyltoluene	10.0	9.70	-3.0	30.00
sec-Butylbenzene	10.0	9.44	-5.6	30.00
Styrene	10.0	9.25	-7.5	30.00
tert-Butyl alcohol (TBA)	50.0	39.6	-20.8	30.00
tert-Butylbenzene	10.0	9.42	-5.8	30.00
Tetrachloroethylene	10.0	5.69	-43.1 *	30.00
Toluene	10.0	9.38	-6.2	30.00
trans-1,2-Dichloroethylene	10.0	9.25	-7.5	30.00
trans-1,3-Dichloropropylene	10.0	8.54	-14.6	30.00
Trichloroethylene	10.0	9.64	-3.6	30.00
Trichlorofluoromethane	10.0	9.59	-4.1	30.00
Vinyl Chloride	10.0	9.78	-2.2	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50015
Laboratory ID: S5A1008-SCV1
Sequence: S5A1008
Standard ID: S24L407

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	50.0	51.5	2.9	30.00
1,1,1-Trichloroethane	50.0	49.4	-1.3	30.00
1,1,2,2-Tetrachloroethane	50.0	54.7	9.4	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.0	52.1	4.2	30.00
1,1,2-Trichloroethane	50.0	50.3	0.6	30.00
1,1-Dichloroethane	50.0	49.4	-1.2	30.00
1,1-Dichloroethylene	50.0	51.8	3.7	30.00
1,2,3-Trichlorobenzene	50.0	48.7	-2.6	30.00
1,2,3-Trichloropropane	50.0	52.6	5.3	30.00
1,2,4-Trichlorobenzene	50.0	49.0	-1.9	30.00
1,2,4-Trimethylbenzene	50.0	52.2	4.3	30.00
1,2-Dibromo-3-chloropropane	50.0	45.1	-9.8	30.00
1,2-Dibromoethane	50.0	50.6	1.3	30.00
1,2-Dichlorobenzene	50.0	48.6	-2.9	30.00
1,2-Dichloroethane	50.0	50.9	1.8	30.00
1,2-Dichloropropane	50.0	49.8	-0.3	30.00
1,3,5-Trimethylbenzene	50.0	51.9	3.8	30.00
1,3-Dichlorobenzene	50.0	49.0	-2.1	30.00
1,4-Dichlorobenzene	50.0	48.6	-2.8	30.00
1,4-Dioxane	1050	878	-16.4	30.00
2-Butanone	50.0	48.7	-2.7	30.00
2-Hexanone	50.0	47.0	-5.9	30.00
4-Methyl-2-pentanone	50.0	49.6	-0.7	30.00
Acetone	50.0	103	107 *	30.00
Acrolein	50.0	28.4	-43.2 *	30.00
Acrylonitrile	50.0	50.6	1.1	30.00
Benzene	50.0	51.5	3.1	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50015
Laboratory ID: S5A1008-SCV1
Sequence: S5A1008
Standard ID: S24L407

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
p-Isopropyltoluene	50.0	51.6	3.3	30.00
sec-Butylbenzene	50.0	51.4	2.7	30.00
Styrene	50.0	51.6	3.1	30.00
tert-Butyl alcohol (TBA)	250	238	-4.7	30.00
tert-Butylbenzene	50.0	46.2	-7.6	30.00
Tetrachloroethylene	50.0	43.3	-13.4	30.00
Toluene	50.0	49.5	-1.0	30.00
trans-1,2-Dichloroethylene	50.0	50.0	0.1	30.00
trans-1,3-Dichloropropylene	50.0	50.2	0.5	30.00
Trichloroethylene	50.0	48.7	-2.6	30.00
Trichlorofluoromethane	50.0	52.1	4.2	30.00
Vinyl Chloride	50.0	39.8	-20.4	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50018
Laboratory ID: S5A1311-SCV1
Sequence: S5A1311
Standard ID: S25A128

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	8.89	-11.1	30.00
1,1,1-Trichloroethane	10.0	9.80	-2.0	30.00
1,1,2,2-Tetrachloroethane	10.0	11.2	11.6	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.66	-3.4	30.00
1,1,2-Trichloroethane	10.0	10.5	5.2	30.00
1,1-Dichloroethane	10.0	10.1	0.6	30.00
1,1-Dichloroethylene	10.0	10.3	3.1	30.00
1,2,3-Trichlorobenzene	10.0	10.8	7.8	30.00
1,2,3-Trichloropropane	10.0	10.5	4.9	30.00
1,2,4-Trichlorobenzene	10.0	10.2	2.4	30.00
1,2,4-Trimethylbenzene	10.0	10.7	7.3	30.00
1,2-Dibromo-3-chloropropane	10.0	10.4	3.7	30.00
1,2-Dibromoethane	10.0	10.7	7.2	30.00
1,2-Dichlorobenzene	10.0	10.0	0.0	30.00
1,2-Dichloroethane	10.0	10.4	4.0	30.00
1,2-Dichloropropane	10.0	10.6	5.8	30.00
1,3,5-Trimethylbenzene	10.0	10.5	4.8	30.00
1,3-Dichlorobenzene	10.0	10.2	1.7	30.00
1,3-Dichloropropane	10.0	10.7	6.9	30.00
1,4-Dichlorobenzene	10.0	9.95	-0.5	30.00
1,4-Dioxane	210	204	-3.1	30.00
2-Butanone	10.0	9.13	-8.7	30.00
2-Hexanone	10.0	9.60	-4.0	30.00
4-Methyl-2-pentanone	10.0	11.1	10.7	30.00
Acetone	10.0	17.3	72.9 *	30.00
Acrolein	10.0	5.61	-43.9 *	30.00
Acrylonitrile	10.0	10.9	8.6	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50018
Laboratory ID: S5A1311-SCV1
Sequence: S5A1311
Standard ID: S25A128

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Benzene	10.0	10.6	6.5	30.00
Bromochloromethane	10.0	10.6	6.5	30.00
Bromodichloromethane	10.0	10.9	9.2	30.00
Bromoform	10.0	9.89	-1.1	30.00
Bromomethane	10.0	10.3	3.3	30.00
Carbon disulfide	10.0	10.8	7.9	30.00
Carbon tetrachloride	10.0	8.99	-10.1	30.00
Chlorobenzene	10.0	10.3	2.8	30.00
Chloroethane	10.0	9.40	-6.0	30.00
Chloroform	10.0	10.1	1.0	30.00
Chloromethane	10.0	7.39	-26.1	30.00
cis-1,2-Dichloroethylene	10.0	10.3	2.6	30.00
cis-1,3-Dichloropropylene	10.0	9.97	-0.3	30.00
Cyclohexane	10.0	10.1	0.8	30.00
Dibromochloromethane	10.0	10.2	1.5	30.00
Dibromomethane	10.0	10.4	3.9	30.00
Dichlorodifluoromethane	10.0	6.22	-37.8 *	30.00
Ethyl Benzene	10.0	11.1	10.7	30.00
Hexachlorobutadiene	10.0	10.4	4.2	30.00
Isopropylbenzene	10.0	10.6	6.5	30.00
Methyl acetate	10.0	8.62	-13.8	30.00
Methyl tert-butyl ether (MTBE)	10.0	10.8	7.7	30.00
Methylcyclohexane	10.0	9.71	-2.9	30.00
Methylene chloride	10.0	9.64	-3.6	30.00
Naphthalene	10.0	10.7	6.7	30.00
n-Butylbenzene	10.0	9.83	-1.7	30.00
n-Propylbenzene	10.0	10.7	7.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50018
Laboratory ID: S5A1311-SCV1
Sequence: S5A1311
Standard ID: S25A128

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
o-Xylene	10.0	10.6	6.4	30.00
p- & m- Xylenes	20.0	18.9	-5.5	30.00
p-Diethylbenzene	10.0	9.50	-5.0	30.00
p-Ethyltoluene	10.0	10.7	6.9	30.00
p-Isopropyltoluene	10.0	10.7	7.0	30.00
sec-Butylbenzene	10.0	10.2	2.2	30.00
Styrene	10.0	11.0	10.2	30.00
tert-Butyl alcohol (TBA)	50.0	49.8	-0.3	30.00
tert-Butylbenzene	10.0	10.1	0.6	30.00
Tetrachloroethylene	10.0	5.37	-46.3 *	30.00
Toluene	10.0	10.8	7.7	30.00
trans-1,2-Dichloroethylene	10.0	10.3	2.6	30.00
trans-1,3-Dichloropropylene	10.0	10.1	0.6	30.00
Trichloroethylene	10.0	9.97	-0.3	30.00
Trichlorofluoromethane	10.0	8.94	-10.6	30.00
Vinyl Chloride	10.0	8.15	-18.5	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MS VOA 2	Calibration:	SA50015
Lab File ID:	V2-632934.D	Calibration Date:	01/09/25 08:00
Sequence:	S5A1323	Injection Date:	01/11/25
Lab Sample ID:	S5A1323-CCV1	Injection Time:	10:52

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromoform	A	50.0	48.4	0.1073324	0.1079701	0.1	-3.2	20	
Bromomethane	A	50.0	43.5	0.4249589	0.317399	0.1	-13.0	20	
Carbon disulfide	A	50.0	44.5	2.167448	1.930614	0.1	-10.9	20	
Carbon tetrachloride	A	50.0	46.4	0.9367595	0.8698934	0.1	-7.1	20	
Chlorobenzene	A	50.0	47.2	0.6486873	0.6117022	0.5	-5.7	20	
Chloroethane	A	50.0	39.8	0.307899	0.2947471	0.1	-20.4	20	*
Chloroform	A	50.0	48.2	1.457217	1.403254	0.2	-3.7	20	
Chloromethane	A	50.0	34.0	0.5546835	0.3766591	0.1	-32.1	20	*
cis-1,2-Dichloroethylene	A	50.0	49.4	1.240404	1.225155	0.1	-1.2	20	
cis-1,3-Dichloropropylene	A	50.0	51.0	0.4168927	0.4255979	0.2	2.1	20	
Cyclohexane	A	50.0	47.4	1.738121	1.647513	0.1	-5.2	20	
Dibromochloromethane	A	50.0	48.8	0.1938206	0.1970922	0.1	1.7	20	
Dibromomethane	A	50.0	49.8	0.141016	0.1405132		-0.4	20	
Dichlorodifluoromethane	A	50.0	21.6	0.2976461	0.120329	0.1	-56.7	20	*
Ethyl Benzene	A	50.0	47.7	1.105282	1.053688	0.1	-4.7	20	
Hexachlorobutadiene	A	50.0	31.3	0.2992423	0.1872336		-37.4	20	*
Isopropylbenzene	A	50.0	48.7	2.576153	2.509219	0.1	-2.6	20	
Methyl acetate	A	50.0	51.4	0.9530378	0.9787255	0.1	2.7	20	
Methyl tert-butyl ether (MTBE)	A	50.0	50.5	2.504174	2.529016	0.1	1.0	20	
Methylcyclohexane	A	50.0	41.2	0.5202742	0.4281494	0.1	-17.7	20	
Methylene chloride	A	50.0	48.2	1.083423	1.043993	0.1	-3.6	20	
n-Butylbenzene	A	50.0	43.6	1.879367	1.638163		-12.8	20	
n-Propylbenzene	A	50.0	49.0	3.029469	2.969826		-2.0	20	
o-Xylene	A	50.0	47.9	0.8053429	0.7712256	0.3	-4.2	20	
p- & m- Xylenes	A	100	96.4	0.8236675	0.794355	0.1	-3.6	20	
p-Isopropyltoluene	A	50.0	44.1	2.027896	1.787955		-11.8	20	
sec-Butylbenzene	A	50.0	44.4	2.577511	2.289624		-11.2	20	
Styrene	A	50.0	48.0	0.6247348	0.5999355	0.3	-4.0	20	
tert-Butyl alcohol (TBA)	A	250	219	0.1361029	0.1163761		-14.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MS VOA 2	Calibration:	SA50015
Lab File ID:	V2-632934.D	Calibration Date:	01/09/25 08:00
Sequence:	S5A1323	Injection Date:	01/11/25
Lab Sample ID:	S5A1323-CCV1	Injection Time:	10:52

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
tert-Butylbenzene	A	50.0	46.8	1.87191	1.750858		-6.5	20	
Tetrachloroethylene	A	50.0	47.0	0.3273634	0.2617332	0.2	-6.0	20	
Toluene	A	50.0	47.0	1.101359	1.035033	0.4	-6.0	20	
trans-1,2-Dichloroethylene	A	50.0	47.4	1.281271	1.21482	0.1	-5.2	20	
trans-1,3-Dichloropropylene	A	50.0	53.0	0.3528517	0.3739418	0.1	6.0	20	
Trichloroethylene	A	50.0	45.1	0.2644758	0.238775	0.2	-9.7	20	
Trichlorofluoromethane	A	50.0	41.3	0.7608146	0.6288139	0.1	-17.3	20	
Vinyl Chloride	A	50.0	37.3	0.6282805	0.4686773	0.1	-25.4	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 10	Calibration:	SA50001
Lab File ID:	V10C09779.D	Calibration Date:	12/30/24 07:00
Sequence:	S5A1421	Injection Date:	01/14/25
Lab Sample ID:	S5A1421-CCV1	Injection Time:	08:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	11.0	0.2609627	0.2857342		9.5	20	
1,1,1-Trichloroethane	A	10.0	10.3	1.841478	1.900596	0.1	3.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.5	0.3506455	0.3668883	0.3	4.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.47	1.047945	0.9928787	0.1	-5.3	20	
1,1,2-Trichloroethane	A	10.0	10.1	0.1599076	0.161417	0.1	0.9	20	
1,1-Dichloroethane	A	10.0	9.99	1.976861	1.97444	0.2	-0.1	20	
1,1-Dichloroethylene	A	10.0	9.19	1.472864	1.353642	0.1	-8.1	20	
1,2,3-Trichlorobenzene	A	10.0	7.14	0.1999348	0.1427509		-28.6	20	*
1,2,3-Trichloropropane	A	10.0	10.6	0.1088787	0.1155698		6.1	20	
1,2,4-Trichlorobenzene	A	10.0	8.94	0.3608705	0.3224387	0.2	-10.6	20	
1,2,4-Trimethylbenzene	A	10.0	11.6	2.945789	3.429246		16.4	20	
1,2-Dibromo-3-chloropropane	A	10.0	8.59	4.385185E-02	4.181673E-02	0.05	-14.1	20	
1,2-Dibromoethane	A	10.0	10.2	0.1449339	0.1472333	0.1	1.6	20	
1,2-Dichlorobenzene	A	10.0	10.8	1.114027	1.205956	0.4	8.3	20	
1,2-Dichloroethane	A	10.0	9.07	1.042428	0.9458031	0.1	-9.3	20	
1,2-Dichloropropane	A	10.0	10.8	0.2736607	0.2965621	0.1	8.4	20	
1,3,5-Trimethylbenzene	A	10.0	11.9	3.116411	3.7189		19.3	20	
1,3-Dichlorobenzene	A	10.0	11.2	1.446625	1.621041	0.6	12.1	20	
1,3-Dichloropropane	A	10.0	10.0	0.2893546	0.2906095		0.4	20	
1,4-Dichlorobenzene	A	10.0	11.2	1.39656	1.560484	0.5	11.7	20	
1,4-Dioxane	A	200	190	9.423779E-04	8.939447E-04		-5.1	20	
2-Butanone	A	10.0	9.33	5.157977E-02	5.762064E-02	0.1	-6.7	20	
2-Hexanone	A	10.0	9.67	6.025482E-02	6.300564E-02	0.1	-3.3	20	
4-Methyl-2-pentanone	A	10.0	8.98	8.430239E-02	7.571915E-02	0.1	-10.2	20	
Acetone	A	10.0	9.47	0.1577066	0.1493901	0.1	-5.3	20	
Acrolein	A	10.0	9.64	5.243959E-02	5.056784E-02		-3.6	20	
Acrylonitrile	A	10.0	9.29	0.1173043	0.1090248		-7.1	20	
Benzene	A	10.0	10.1	4.587568	4.642504	0.5	1.2	20	
Bromochloromethane	A	10.0	9.31	0.6703447	0.6241673		-6.9	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 10	Calibration:	SA50001
Lab File ID:	V10C09779.D	Calibration Date:	12/30/24 07:00
Sequence:	S5A1421	Injection Date:	01/14/25
Lab Sample ID:	S5A1421-CCV1	Injection Time:	08:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	10.7	0.3451965	0.3688437	0.2	6.9	20	
Bromoform	A	10.0	8.91	9.172527E-02	8.903819E-02	0.1	-10.9	20	
Bromomethane	A	10.0	6.31	0.5389184	0.340241	0.1	-36.9	20	*
Carbon disulfide	A	10.0	8.56	2.768602	2.371201	0.1	-14.4	20	
Carbon tetrachloride	A	10.0	10.4	1.603062	1.671962	0.1	4.3	20	
Chlorobenzene	A	10.0	11.1	0.8450926	0.9405713	0.5	11.3	20	
Chloroethane	A	10.0	7.70	0.7633691	0.5880963	0.1	-23.0	20	*
Chloroform	A	10.0	9.91	1.946809	1.929003	0.2	-0.9	20	
Chloromethane	A	10.0	4.38	0.8769418	0.3843332	0.1	-56.2	20	*
cis-1,2-Dichloroethylene	A	10.0	10.1	1.72544	1.738078	0.1	0.7	20	
cis-1,3-Dichloropropylene	A	10.0	10.7	0.4296003	0.4608139	0.2	7.3	20	
Cyclohexane	A	10.0	9.72	2.03037	1.974278	0.1	-2.8	20	
Dibromochloromethane	A	10.0	10.2	0.1971311	0.2011305	0.1	2.0	20	
Dibromomethane	A	10.0	9.89	0.1120918	0.1108742		-1.1	20	
Dichlorodifluoromethane	A	10.0	1.87	0.9430334	0.1762514	0.1	-81.3	20	*
Ethyl Benzene	A	10.0	11.6	1.562825	1.812891	0.1	16.0	20	
Hexachlorobutadiene	A	10.0	9.39	0.2579258	0.2421978		-6.1	20	
Isopropylbenzene	A	10.0	12.6	4.098483	5.148475	0.1	25.6	20	*
Methyl acetate	A	10.0	8.02	0.3331021	0.2670328	0.1	-19.8	20	
Methyl tert-butyl ether (MTBE)	A	10.0	8.36	1.858807	1.554637	0.1	-16.4	20	
Methylcyclohexane	A	10.0	10.7	0.607455	0.6501223	0.1	7.0	20	
Methylene chloride	A	10.0	9.11	1.380311	1.063954	0.1	-8.9	20	
Naphthalene	A	10.0	7.97	0.5091201	0.4055737		-20.3	20	*
n-Butylbenzene	A	10.0	11.2	2.939772	3.291833		12.0	20	
n-Propylbenzene	A	10.0	12.4	4.75728	5.87613		23.5	20	*
o-Xylene	A	10.0	11.3	1.218079	1.374049	0.3	12.8	20	
p- & m- Xylenes	A	20.0	23.1	1.220346	1.412224	0.1	15.7	20	
p-Diethylbenzene	A	10.0	11.1	1.646894	1.828613		11.0	20	
p-Ethyltoluene	A	10.0	12.0	3.961957	4.754124		20.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 10	Calibration:	SA50001
Lab File ID:	V10C09779.D	Calibration Date:	12/30/24 07:00
Sequence:	S5A1421	Injection Date:	01/14/25
Lab Sample ID:	S5A1421-CCV1	Injection Time:	08:15

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
p-Isopropyltoluene	A	10.0	11.6	3.126816	3.613484		15.6	20	
sec-Butylbenzene	A	10.0	11.7	3.883801	4.529927		16.6	20	
Styrene	A	10.0	11.1	0.8961371	0.993777	0.3	10.9	20	
tert-Butyl alcohol (TBA)	A	50.0	41.8	2.905931E-02	2.251122E-02		-22.5	20	*
tert-Butylbenzene	A	10.0	11.9	2.749438	3.267671		18.8	20	
Tetrachloroethylene	A	10.0	7.46	0.5650082	0.4217411	0.2	-25.4	20	*
Toluene	A	10.0	11.4	1.367913	1.557685	0.4	13.9	20	
trans-1,2-Dichloroethylene	A	10.0	9.88	1.505193	1.487768	0.1	-1.2	20	
trans-1,3-Dichloropropylene	A	10.0	10.4	0.318558	0.3312243	0.1	4.0	20	
Trichloroethylene	A	10.0	11.1	0.3293441	0.3649373	0.2	10.8	20	
Trichlorofluoromethane	A	10.0	8.11	1.691549	1.371759	0.1	-18.9	20	
Vinyl Chloride	A	10.0	5.83	1.146303	0.6677949	0.1	-41.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 8	Calibration:	SA50018
Lab File ID:	V8-002266.D	Calibration Date:	01/08/25 08:00
Sequence:	S5A1505	Injection Date:	01/14/25
Lab Sample ID:	S5A1505-CCV1	Injection Time:	09:10

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	10.7	0.3078657	0.3291634	0.2	6.9	20	
Bromoform	A	10.0	12.8	7.490121E-02	0.1082206	0.1	28.2	20	*
Bromomethane	A	10.0	6.53	0.2149607	0.1477576	0.1	-34.7	20	*
Carbon disulfide	A	10.0	10.8	2.011018	2.175054	0.1	8.2	20	
Carbon tetrachloride	A	10.0	11.8	1.083562	1.435326	0.1	17.9	20	
Chlorobenzene	A	10.0	10.6	0.7055925	0.7461316	0.5	5.7	20	
Chloroethane	A	10.0	8.16	0.6658159	0.543417	0.1	-18.4	20	
Chloroform	A	10.0	11.1	1.573321	1.750223	0.2	11.2	20	
Chloromethane	A	10.0	5.44	0.8080085	0.4393799	0.1	-45.6	20	*
cis-1,2-Dichloroethylene	A	10.0	10.6	1.490706	1.585427	0.1	6.4	20	
cis-1,3-Dichloropropylene	A	10.0	9.93	0.3742119	0.404575	0.2	-0.7	20	
Cyclohexane	A	10.0	10.4	1.743157	1.817614	0.1	4.3	20	
Dibromochloromethane	A	10.0	11.4	0.1673949	0.2090799	0.1	14.4	20	
Dibromomethane	A	10.0	10.4	0.1149141	0.1190359		3.6	20	
Dichlorodifluoromethane	A	10.0	5.39	0.4669966	0.2278586	0.1	-46.1	20	*
Ethyl Benzene	A	10.0	10.6	1.300705	1.380829	0.1	6.2	20	
Hexachlorobutadiene	A	10.0	11.2	0.1091984	0.1072879		11.8	20	
Isopropylbenzene	A	10.0	9.98	3.036499	3.031587	0.1	-0.2	20	
Methyl acetate	A	10.0	9.35	0.3996252	0.3735004	0.1	-6.5	20	
Methyl tert-butyl ether (MTBE)	A	10.0	11.4	1.862351	2.113101	0.1	13.5	20	
Methylcyclohexane	A	10.0	9.96	0.4893085	0.4873004	0.1	-0.4	20	
Methylene chloride	A	10.0	9.21	1.209846	1.114264	0.1	-7.9	20	
Naphthalene	A	10.0	10.2	0.8802997	0.8539572		2.4	20	
n-Butylbenzene	A	10.0	9.25	2.153255	1.991992		-7.5	20	
n-Propylbenzene	A	10.0	9.87	3.58558	3.538428		-1.3	20	
o-Xylene	A	10.0	10.3	1.003649	1.03748	0.3	3.4	20	
p- & m- Xylenes	A	20.0	18.4	0.9633572	1.067474	0.1	-8.1	20	
p-Diethylbenzene	A	10.0	9.35	1.204538	1.126141		-6.5	20	
p-Ethyltoluene	A	10.0	9.80	2.942204	2.881972		-2.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	VOA No. 8	Calibration:	SA50018
Lab File ID:	V8-002266.D	Calibration Date:	01/08/25 08:00
Sequence:	S5A1505	Injection Date:	01/14/25
Lab Sample ID:	S5A1505-CCV1	Injection Time:	09:10

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
p-Isopropyltoluene	A	10.0	10.4	2.162211	2.242366		3.7	20	
sec-Butylbenzene	A	10.0	9.89	2.632994	2.605198		-1.1	20	
Styrene	A	10.0	10.9	0.7400722	0.8052094	0.3	8.8	20	
tert-Butyl alcohol (TBA)	A	50.0	54.3	4.470904E-02	4.941047E-02		8.6	20	
tert-Butylbenzene	A	10.0	9.90	1.938477	1.919613		-1.0	20	
Tetrachloroethylene	A	10.0	7.13	0.4236524	0.3590431	0.2	-28.7	20	*
Toluene	A	10.0	10.4	1.164886	1.207385	0.4	3.6	20	
trans-1,2-Dichloroethylene	A	10.0	10.3	1.335388	1.37544	0.1	3.0	20	
trans-1,3-Dichloropropylene	A	10.0	10.0	0.2844616	0.3183976	0.1	0.1	20	
Trichloroethylene	A	10.0	9.85	0.2960796	0.2916868	0.2	-1.5	20	
Trichlorofluoromethane	A	10.0	10.3	1.37978	1.418333	0.1	2.8	20	
Vinyl Chloride	A	10.0	7.04	1.011267	0.7113973	0.1	-29.7	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW004

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50763
Laboratory ID: BA50763-MS1
Preparation: EPA 3510C
Initial/Final: 1000 mL / 1 mL
Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	ND	17.5	70.1	26 - 79
1,2,4,5-Tetrachlorobenzene	25.0	ND	13.1	52.3	33 - 90
2,3,4,6-Tetrachlorophenol	25.0	ND	26.7	107	30 - 130
2,4,5-Trichlorophenol	25.0	ND	17.1	68.2	43 - 96
2,4,6-Trichlorophenol	25.0	ND	15.5	62.2	46 - 94
2,4-Dichlorophenol	25.0	ND	16.1	64.2	26 - 101
2,4-Dimethylphenol	25.0	ND	15.4	61.6	10 - 104
2,4-Dinitrophenol	25.0	ND	25.4	102	10 - 146
2,4-Dinitrotoluene	25.0	ND	17.1	68.4	30 - 108
2,6-Dinitrotoluene	25.0	ND	17.1	68.5	38 - 98
2-Chloronaphthalene	25.0	ND	15.7	62.8	30 - 89
2-Chlorophenol	25.0	ND	14.3	57.2	24 - 98
2-Methylnaphthalene	25.0	ND	13.2	52.8	10 - 112
2-Methylphenol	25.0	ND	13.3	53.3	10 - 134
2-Nitroaniline	25.0	ND	17.8	71.1	25 - 110
2-Nitrophenol	25.0	ND	16.4	65.7	10 - 139
3- & 4-Methylphenols	25.0	ND	9.50	38.0	10 - 91
3,3-Dichlorobenzidine	25.0	ND	8.58	34.3	10 - 140
3-Nitroaniline	25.0	ND	12.3	49.0	22 - 111
4,6-Dinitro-2-methylphenol	25.0	ND	19.1	76.4	10 - 140
4-Bromophenyl phenyl ether	25.0	ND	10.4	41.8	30 - 108
4-Chloro-3-methylphenol	25.0	ND	16.8	67.0	11 - 109
4-Chloroaniline	25.0	ND	6.54	26.2	10 - 116
4-Chlorophenyl phenyl ether	25.0	ND	14.0	55.9	39 - 85
4-Nitroaniline	25.0	ND	14.9	59.7	11 - 132
4-Nitrophenol	25.0	ND	ND	*	10 - 82
Acetophenone	25.0	ND	13.0	52.1	14 - 102
Benzaldehyde	25.0	ND	13.2	52.6	13 - 87
Benzyl butyl phthalate	25.0	ND	20.7	82.8	10 - 133
Bis(2-chloroethoxy)methane	25.0	ND	14.7	58.8	18 - 105
Bis(2-chloroethyl)ether	25.0	ND	15.3	61.4	10 - 108
Bis(2-chloroisopropyl)ether	25.0	ND	15.0	59.9	13 - 116

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW004

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50763
Laboratory ID: BA50763-MS1
Preparation: EPA 3510C
Initial/Final: 1000 mL / 1 mL
Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Caprolactam	25.0	ND	ND	*	10 - 75
Carbazole	25.0	ND	18.0	71.9	36 - 108
Dibenzofuran	25.0	ND	14.4	57.6	34 - 92
Diethyl phthalate	25.0	ND	16.2	64.9	33 - 98
Dimethyl phthalate	25.0	ND	15.2	60.7	18 - 116
Di-n-butyl phthalate	25.0	ND	19.1	76.4	25 - 97
Di-n-octyl phthalate	25.0	ND	18.8	75.1	10 - 137
Hexachlorocyclopentadiene	25.0	ND	13.7	54.8	10 - 79
Isophorone	25.0	ND	15.9	63.6	25 - 103
N-nitroso-di-n-propylamine	25.0	ND	20.7	83.0	19 - 115
N-Nitrosodiphenylamine	25.0	ND	15.2	60.9	31 - 112
Phenol	25.0	ND	5.68	22.7	10 - 61
Pyridine	35.0	ND	4.20	12.0	10 - 78

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

MW004

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50763
Laboratory ID: BA50763-MSD1
Preparation: EPA 3510C
Initial/Final: 1000 mL / 1 mL
Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	25.0	19.1	76.4	8.68	25	26 - 79
1,2,4,5-Tetrachlorobenzene	25.0	15.3	61.0	15.4	25	33 - 90
2,3,4,6-Tetrachlorophenol	25.0	25.7	103	3.81	25	30 - 130
2,4,5-Trichlorophenol	25.0	23.0	92.0	29.6 *	25	43 - 96
2,4,6-Trichlorophenol	25.0	21.5	85.9	32.1 *	25	46 - 94
2,4-Dichlorophenol	25.0	17.4	69.6	7.95	25	26 - 101
2,4-Dimethylphenol	25.0	17.6	70.5	13.6	25	10 - 104
2,4-Dinitrophenol	25.0	38.6	154 *	41.1 *	25	10 - 146
2,4-Dinitrotoluene	25.0	24.0	95.9	33.5 *	25	30 - 108
2,6-Dinitrotoluene	25.0	23.1	92.3	29.6 *	25	38 - 98
2-Chloronaphthalene	25.0	17.7	70.6	11.8	25	30 - 89
2-Chlorophenol	25.0	16.4	65.6	13.8	25	24 - 98
2-Methylnaphthalene	25.0	16.1	64.3	19.6	25	10 - 112
2-Methylphenol	25.0	14.7	59.0	10.1	25	10 - 134
2-Nitroaniline	25.0	22.8	91.3	24.8	25	25 - 110
2-Nitrophenol	25.0	18.4	73.6	11.3	25	10 - 139
3- & 4-Methylphenols	25.0	10.7	42.6	11.5	25	10 - 91
3,3-Dichlorobenzidine	25.0	10.3	41.3	18.4	25	10 - 140
3-Nitroaniline	25.0	18.3	73.3	39.6 *	25	22 - 111
4,6-Dinitro-2-methylphenol	25.0	31.2	125	48.1 *	25	10 - 140
4-Bromophenyl phenyl ether	25.0	18.4	73.6	55.3 *	25	30 - 108
4-Chloro-3-methylphenol	25.0	20.2	80.8	18.6	25	11 - 109
4-Chloroaniline	25.0	11.4	45.5	53.9 *	25	10 - 116
4-Chlorophenyl phenyl ether	25.0	18.8	75.4	29.6 *	25	39 - 85
4-Nitroaniline	25.0	22.0	87.9	38.2 *	25	11 - 132
4-Nitrophenol	25.0	ND	*		25	10 - 82
Acetophenone	25.0	14.8	59.0	12.5	25	14 - 102
Benzaldehyde	25.0	13.1	52.4	0.457	25	13 - 87
Benzyl butyl phthalate	25.0	20.7	82.9	0.145	25	10 - 133
Bis(2-chloroethoxy)methane	25.0	16.3	65.3	10.5	25	18 - 105
Bis(2-chloroethyl)ether	25.0	17.9	71.5	15.3	25	10 - 108
Bis(2-chloroisopropyl)ether	25.0	16.2	64.6	7.58	25	13 - 116
Caprolactam	25.0	3.07	12.3		25	10 - 75

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270D

MW004

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50763	Laboratory ID:	BA50763-MSD1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbazole	25.0	21.2	84.6	16.3	25	36 - 108
Dibenzofuran	25.0	18.1	72.2	22.5	25	34 - 92
Diethyl phthalate	25.0	19.7	78.6	19.1	25	33 - 98
Dimethyl phthalate	25.0	19.5	78.0	24.9	25	18 - 116
Di-n-butyl phthalate	25.0	22.1	88.4	14.7	25	25 - 97
Di-n-octyl phthalate	25.0	20.7	83.0	9.92	25	10 - 137
Hexachlorocyclopentadiene	25.0	15.0	60.2	9.46	25	10 - 79
Isophorone	25.0	17.5	69.9	9.35	25	25 - 103
N-nitroso-di-n-propylamine	25.0	23.2	92.8	11.2	25	19 - 115
N-Nitrosodiphenylamine	25.0	22.8	91.2	39.9 *	25	31 - 112
Phenol	25.0	5.77	23.1	1.57	25	10 - 61
Pyridine	35.0	5.04	14.4	18.2	25	10 - 78

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50763	Laboratory ID:	BA50763-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	25.0	19.5	77.8	33 - 95
1,2,4,5-Tetrachlorobenzene	25.0	13.8	55.3	26 - 120
2,3,4,6-Tetrachlorophenol	25.0	33.8	135 *	30 - 130
2,4,5-Trichlorophenol	25.0	22.9	91.5	32 - 114
2,4,6-Trichlorophenol	25.0	21.5	86.1	35 - 118
2,4-Dichlorophenol	25.0	17.8	71.4	25 - 116
2,4-Dimethylphenol	25.0	18.6	74.4	15 - 116
2,4-Dinitrophenol	25.0	28.8	115	10 - 170
2,4-Dinitrotoluene	25.0	21.2	85.0	41 - 128
2,6-Dinitrotoluene	25.0	21.4	85.6	45 - 116
2-Chloronaphthalene	25.0	16.8	67.4	33 - 112
2-Chlorophenol	25.0	17.8	71.0	15 - 120
2-Methylnaphthalene	25.0	14.3	57.1	24 - 118
2-Methylphenol	25.0	17.2	68.9	10 - 110
2-Nitroaniline	25.0	23.8	95.2	34 - 129
2-Nitrophenol	25.0	19.4	77.4	28 - 118
3- & 4-Methylphenols	25.0	12.4	49.8	10 - 107
3,3-Dichlorobenzidine	25.0	14.9	59.7	15 - 187
3-Nitroaniline	25.0	15.7	62.7	24 - 134
4,6-Dinitro-2-methylphenol	25.0	31.0	124	10 - 153
4-Bromophenyl phenyl ether	25.0	16.7	66.7	34 - 120
4-Chloro-3-methylphenol	25.0	21.8	87.4	20 - 120
4-Chloroaniline	25.0	8.85	35.4	10 - 147
4-Chlorophenyl phenyl ether	25.0	18.8	75.2	27 - 121
4-Nitroaniline	25.0	21.4	85.7	13 - 134
4-Nitrophenol	25.0	ND	*	10 - 131
Acetophenone	25.0	16.4	65.7	25 - 110
Benzaldehyde	25.0	15.3	61.2	29 - 117
Benzyl butyl phthalate	25.0	23.0	92.0	29 - 133
Bis(2-chloroethoxy)methane	25.0	17.5	70.1	10 - 154

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5210596	9.631241	6.787666	3.882475E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.6286456	36.99744	6.544	5.095324E-02			SPCC (0.01)	*
1,2,4-Trichlorobenzene	0.3692158	7.565636	5.737167	4.121605E-02			20	
1,2-Dichlorobenzene	1.328739	9.008201	4.905167	4.609696E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9236288	11.34452	8.2525	8.070248E-02			20	
1,3-Dichlorobenzene	1.392748	9.687186	4.708833	0.0754727			20	
1,4-Dichlorobenzene	1.423776	8.798077	4.752	6.727402E-02			20	
1-Methylnaphthalene	0.6718616	7.382492	6.456	5.228883E-02			20	
2,3,4,6-Tetrachlorophenol	0.1373339	17.24272	7.8225	6.849911E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.3556986	14.8238	6.670625	7.535108E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.3306429	13.68017	6.634125	6.495217E-02			SPCC (0.2)	
2,4-Dichlorophenol	0.3139737	10.45447	5.665625	7.507319E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.299699	9.615796	5.506375	0.082391			SPCC (0.2)	
2,4-Dinitrophenol	0.0995996	44.99158	7.496	8.617402E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3473344	14.01777	7.675	5.842354E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2647656	14.13349	7.226	4.726879E-02			SPCC (0.2)	
2-Chloronaphthalene	1.030418	9.352756	6.809	5.344491E-02			SPCC (0.8)	
2-Chlorophenol	1.145313	12.7347	4.592875	7.867043E-02			SPCC (0.8)	
2-Methylnaphthalene	0.7618954	6.61043	6.357	4.763496E-02			SPCC (0.4)	
2-Methylphenol	0.9357983	11.74908	4.970125	8.660268E-02			SPCC (0.7)	
2-Nitroaniline	0.3302268	12.30368	6.946667	4.274668E-02			SPCC (0.01)	
2-Nitrophenol	0.1903218	15.32708	5.485	5.809781E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.485562	14.12555	5.083875	0.1217439			SPCC (0.6)	
3,3-Dichlorobenzidine	0.5393098	37.14939	14.00967	4.229816E-02			SPCC (0.01)	*
3-Nitroaniline	0.2879379	11.4662	7.386	5.878819E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	9.862029E-02	39.44095	8.192625	0.1331681			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.2283214	9.724931	8.735666	4.469188E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.3567354	10.85536	6.2345	8.468811E-02			SPCC (0.2)	
4-Chloroaniline	0.4836703	10.19953	5.85	0.0396516			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.6314339	10.4326	8.042	4.539845E-02			SPCC (0.4)	
4-Nitroaniline	0.285602	11.21112	8.1555	0.1726248			SPCC (0.01)	
4-Nitrophenol	0.2770608	19.22033	7.544	0.1492218			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.007899	9.693437	7.445	4.116506E-02			SPCC (0.9)	
Acenaphthylene	1.587889	11.68843	7.241	4.280831E-02			SPCC (0.9)	
Acetophenone	2.204773	30.54575	5.089833	6.058735E-02			SPCC (0.01)	*
Alpha Terpineol	0.3752998	7.230714	5.772	4.312225E-02			20	
Aniline	1.716022	9.083708	4.511833	4.888691E-02			SPCC ()	
Anthracene	1.015651	13.49075	9.493875	6.403419E-02			SPCC (0.7)	
Atrazine	0.2758211	36.94055	9.065167	7.340258E-02			SPCC (0.01)	*
Benzaldehyde	1.163089	28.65378	4.396	6.789163E-02			SPCC (0.01)	*
Benzidine	0.5627871	38.99798	11.444	4.869725E-02			20	*
Benzo(a)anthracene	1.231527	9.676298	13.933	3.934959E-02			SPCC (0.8)	
Benzo(a)pyrene	1.138423	11.34317	16.82333	5.061575E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.186662	11.02621	16.19517	0.0554783			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9665391	11.09916	19.304	7.239531E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.18061	11.02404	16.24633	6.049351E-02			SPCC (0.7)	
Benzoic acid	0.2685668	31.55703	5.618167	0.5632807			20	*
Benzyl alcohol	0.8464322	9.956443	4.870333	0.0419235			20	
Benzyl butyl phthalate	0.6032026	11.15944	13.004	2.672766E-02			20	
Bis(2-chloroethoxy)methane	0.476096	7.54432	5.585	5.493861E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.199552	11.47052	4.556375	8.047474E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.438674	8.932692	4.99	5.861037E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8168326	11.27144	14.342	3.126614E-02			20	
Caprolactam	0.1332083	26.92498	6.134	0.3002727			SPCC (0.01)	*
Carbazole	0.941736	11.35232	9.703125	6.506867E-02			SPCC (0.01)	
Chrysene	1.189333	9.756131	14.029	4.584147E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	0.9779294	14.23232	18.9295	6.352516E-02			SPCC (0.4)	
Dibenzofuran	1.471969	10.90912	7.624167	5.498305E-02			SPCC (0.8)	
Diethyl phthalate	1.269186	10.12236	7.956	5.801661E-02			SPCC (0.01)	
Dimethyl phthalate	1.212843	9.433849	7.136667	4.031344E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.183674	13.04436	10.263	3.000469E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.375723	13.01365	15.663	0.0290758			SPCC (0.01)	
Diphenylamine	0.5993826	9.795696	8.217833	5.146407E-02			20	
Fluoranthene	1.16683	9.689815	11.152	4.610446E-02			SPCC (0.6)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Instrument: BNA #7
Calibration Date: 12/13/24 00:40

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Fluorene	1.258739	9.806257	8.058	3.884264E-02			SPCC (0.9)	
Hexachlorobenzene	0.1075898	9.50231	8.974	5.351448E-02			SPCC (0.1)	
Hexachlorobutadiene	0.2273609	7.977855	5.9235	3.817473E-02			SPCC (0.01)	
Hexachlorocyclopentadiene	0.3442266	12.39452	6.556	4.733836E-02			SPCC (0.05)	
Hexachloroethane	0.56423	10.21114	5.15	0.0458325			SPCC (0.3)	
Indeno(1,2,3-cd)pyrene	0.9721014	12.7873	18.87717	5.486875E-02			SPCC (0.5)	
Isophorone	0.8831455	7.184538	5.410667	0.0507403			SPCC (0.4)	
Naphthalene	1.050916	11.91028	5.789	5.321533E-02			SPCC (0.7)	
Nitrobenzene	0.501855	7.521375	5.231	0.0479628			SPCC (0.2)	
N-Nitrosodimethylamine	0.7472879	9.83218	2.581	0.1897473			20	
N-nitroso-di-n-propylamine	0.9045988	8.734618	5.108	5.941749E-02			SPCC (0.5)	
N-Nitrosodiphenylamine	0.2024224	10.16811	8.217833	5.146407E-02			SPCC (0.01)	
Parathion	0.1432766	19.0746	10.542	2.552719E-02			20	
Pentachloronitrobenzene	9.971634E-02	11.54366	9.368	2.097846E-02			20	
Pentachlorophenol	0.136917	21.1909	9.254375	5.702514E-02			SPCC (0.05)	*
Phenanthrene	1.044994	12.43841	9.446	3.339844E-02			SPCC (0.7)	
Phenol	1.636453	12.06385	4.493125	0.1543462			SPCC (0.8)	
Pyrene	1.309491	10.24506	11.536	4.437247E-02			SPCC (0.6)	
Pyridine	1.322703	13.52349	2.569333	0.33278			20	
SURR: 2,4,6-Tribromophenol	8.745862E-02	17.46567	8.418125	5.945716E-02			20	
SURR: 2-Fluorobiphenyl	1.158518	12.28349	6.699625	6.021096E-02			20	
SURR: 2-Fluorophenol	1.113722	12.58953	3.715875	0.1109909			20	
SURR: Nitrobenzene-d5	0.4696122	10.67295	5.214125	6.828124E-02			20	
SURR: Phenol-d6	1.473594	11.87217	4.483	0.1088156			20	
SURR: Terphenyl-d14	0.9414184	12.61989	11.89162	6.102079E-02			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
2,3,4,6-Tetrachlorophenol	30.0	40.6	35.3 *	30.00
2,4,5-Trichlorophenol	30.0	34.2	14.1	30.00
2,4,6-Trichlorophenol	30.0	34.2	14.1	30.00
2,4-Dichlorophenol	30.0	32.4	7.9	30.00
2,4-Dimethylphenol	30.0	35.2	17.2	30.00
2,4-Dinitrophenol	30.0	37.9	26.3	30.00
2,4-Dinitrotoluene	30.0	35.7	19.0	30.00
2,6-Dinitrotoluene	30.0	35.3	17.8	30.00
2-Chloronaphthalene	30.0	29.8	-0.6	30.00
2-Chlorophenol	30.0	33.6	12.1	30.00
2-Methylnaphthalene	30.0	30.2	0.8	30.00
2-Methylphenol	30.0	35.8	19.3	30.00
2-Nitroaniline	30.0	35.2	17.5	30.00
2-Nitrophenol	30.0	35.3	17.7	30.00
3- & 4-Methylphenols	30.0	29.8	-0.7	30.00
3-Nitroaniline	30.0	35.7	18.9	30.00
4,6-Dinitro-2-methylphenol	30.0	48.3	61.1 *	30.00
4-Bromophenyl phenyl ether	30.0	32.7	8.9	30.00
4-Chloro-3-methylphenol	30.0	34.3	14.3	30.00
4-Chloroaniline	30.0	30.3	1.0	30.00
4-Chlorophenyl phenyl ether	30.0	30.6	2.0	30.00
4-Nitroaniline	30.0	34.8	15.9	30.00
4-Nitrophenol	30.0	32.8	9.4	30.00
Benzyl butyl phthalate	30.0	34.7	15.7	30.00
Bis(2-chloroethoxy)methane	30.0	31.0	3.2	30.00
Bis(2-chloroethyl)ether	30.0	32.5	8.2	30.00
Bis(2-chloroisopropyl)ether	30.0	32.8	9.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40036
Laboratory ID: S4L1716-SCV1
Sequence: S4L1716
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Carbazole	30.0	31.2	3.8	30.00
Dibenzofuran	30.0	28.8	-3.8	30.00
Diethyl phthalate	30.0	30.0	0.0	30.00
Dimethyl phthalate	30.0	30.1	0.5	30.00
Di-n-butyl phthalate	30.0	30.5	1.8	30.00
Di-n-octyl phthalate	30.0	32.2	7.2	30.00
Hexachlorocyclopentadiene	30.0	32.7	9.0	30.00
Isophorone	30.0	29.3	-2.3	30.00
N-nitroso-di-n-propylamine	30.0	39.8	32.6 *	30.00
N-Nitrosodiphenylamine	30.0	40.2	34.1 *	30.00
Phenol	30.0	33.7	12.3	30.00
Pyridine	30.0	29.1	-2.9	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70358002.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1619	Injection Date:	01/15/25
Lab Sample ID:	S5A1619-CCV1	Injection Time:	09:28

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	33.7	0.5210596	0.5845738	0.01	12.2	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	25.8	0.6286456	0.541268	0.01	-13.9	20	
2,3,4,6-Tetrachlorophenol	A	30.0	49.2	0.1373339	0.2251397	0.01	63.9	20	*
2,4,5-Trichlorophenol	A	30.0	33.5	0.3556986	0.3968007	0.2	11.6	20	
2,4,6-Trichlorophenol	A	30.0	31.3	0.3306429	0.3451779	0.2	4.4	20	
2,4-Dichlorophenol	A	30.0	26.0	0.3139737	0.2719348	0.2	-13.4	20	
2,4-Dimethylphenol	A	30.0	27.1	0.299699	0.2708254	0.2	-9.6	20	
2,4-Dinitrophenol	A	30.0	54.9	0.0995996	0.1821383	0.01	82.9	20	*
2,4-Dinitrotoluene	A	30.0	34.7	0.3473344	0.4013417	0.2	15.5	20	
2,6-Dinitrotoluene	A	30.0	35.7	0.2647656	0.3148182	0.2	18.9	20	
2-Chloronaphthalene	A	30.0	30.8	1.030418	1.05807	0.8	2.7	20	
2-Chlorophenol	A	30.0	34.0	1.145313	1.297597	0.8	13.3	20	
2-Methylnaphthalene	A	30.0	25.7	0.7618954	0.651549	0.4	-14.5	20	
2-Methylphenol	A	30.0	35.8	0.9357983	1.116327	0.7	19.3	20	
2-Nitroaniline	A	30.0	35.8	0.3302268	0.3936998	0.01	19.2	20	
2-Nitrophenol	A	30.0	29.5	0.1903218	0.1873362	0.1	-1.6	20	
3- & 4-Methylphenols	A	30.0	34.4	1.485562	1.70472	0.6	14.8	20	
3,3-Dichlorobenzidine	A	30.0	30.4	0.5393098	0.5474674	0.01	1.5	20	
3-Nitroaniline	A	30.0	40.2	0.2879379	0.3856319	0.01	33.9	20	*
4,6-Dinitro-2-methylphenol	A	30.0	44.3	9.862029E-02	0.1455253	0.01	47.6	20	*
4-Bromophenyl phenyl ether	A	30.0	24.5	0.2283214	0.1867095	0.1	-18.2	20	
4-Chloro-3-methylphenol	A	30.0	30.5	0.3567354	0.3630859	0.2	1.8	20	
4-Chloroaniline	A	30.0	27.0	0.4836703	0.4348868	0.01	-10.1	20	
4-Chlorophenyl phenyl ether	A	30.0	31.0	0.6314339	0.6518363	0.4	3.2	20	
4-Nitroaniline	A	30.0	35.1	0.285602	0.3343778	0.01	17.1	20	
4-Nitrophenol	A	30.0	44.0	0.2770608	0.4063502	0.01	46.7	20	*
Acetophenone	A	30.0	27.2	2.204773	1.997871	0.01	-9.4	20	
Benzaldehyde	A	30.0	28.4	1.163089	1.101337	0.01	-5.3	20	
Benzyl butyl phthalate	A	30.0	40.5	0.6032026	0.8139959		34.9	20	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #7	Calibration:	SL40036
Lab File ID:	E70358002.D	Calibration Date:	12/13/24 00:40
Sequence:	S5A1619	Injection Date:	01/15/25
Lab Sample ID:	S5A1619-CCV1	Injection Time:	09:28

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bis(2-chloroethoxy)methane	A	30.0	25.7	0.476096	0.4085298	0.3	-14.2	20	
Bis(2-chloroethyl)ether	A	30.0	33.5	1.199552	1.33833	0.7	11.6	20	
Bis(2-chloroisopropyl)ether	A	30.0	32.3	1.438674	1.550142	0.01	7.7	20	
Caprolactam	A	30.0	27.5	0.1332083	0.1220144	0.01	-8.4	20	
Carbazole	A	30.0	35.6	0.941736	1.117157	0.01	18.6	20	
Dibenzofuran	A	30.0	29.9	1.471969	1.468169	0.8	-0.3	20	
Diethyl phthalate	A	30.0	33.9	1.269186	1.432857	0.01	12.9	20	
Dimethyl phthalate	A	30.0	31.8	1.212843	1.286626	0.01	6.1	20	
Di-n-butyl phthalate	A	30.0	35.6	1.183674	1.403669	0.01	18.6	20	
Di-n-octyl phthalate	A	30.0	37.5	1.375723	1.720009	0.01	25.0	20	*
Hexachlorocyclopentadiene	A	30.0	33.3	0.3442266	0.3822652	0.05	11.1	20	
Isophorone	A	30.0	27.9	0.8831455	0.8208137	0.4	-7.1	20	
N-nitroso-di-n-propylamine	A	30.0	45.4	0.9045988	1.367934	0.5	51.2	20	*
N-Nitrosodiphenylamine	A	30.0	31.1	0.2024224	0.2097478	0.01	3.6	20	
Phenol	A	30.0	34.8	1.636453	1.900197	0.8	16.1	20	
Pyridine	A	30.0	31.1	1.322703	1.369838		3.6	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1605
Instrument: MSBNA9
Calibration: SA50022

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1605-CCV1)				Lab File ID: E900324880.D		Analyzed: 01/15/25 15:22		
SURR: 2-Fluorophenol	30.0	113	0 - 200	4.412	4.412	0.0000	+/-1.00	
SURR: Phenol-d6	30.0	112	0 - 200	5.191	5.182	0.0090	+/-1.00	
SURR: Nitrobenzene-d5	30.0	111	0 - 200	5.964	5.964	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	30.0	106	0 - 200	7.614	7.609375	0.0046	+/-1.00	
SURR: 2,4,6-Tribromophenol	30.0	139	0 - 200	9.526	9.519875	0.0061	+/-1.00	
SURR: Terphenyl-d14	30.0	108	0 - 200	12.949	12.93875	0.0102	+/-1.00	
SB006 (0-2 IN) (25A0590-01)				Lab File ID: E900324889.D		Analyzed: 01/15/25 20:01		
SURR: 2-Fluorophenol	1.97	101	20 - 108	4.418	4.412	0.0060	+/-1.00	
SURR: Phenol-d6	1.97	92.2	23 - 114	5.191	5.182	0.0090	+/-1.00	
SURR: Nitrobenzene-d5	0.985	94.1	22 - 108	5.964	5.964	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	0.985	87.8	21 - 113	7.608	7.609375	-0.0014	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.97	121	19 - 110	9.526	9.519875	0.0061	+/-1.00	*
SURR: Terphenyl-d14	0.985	88.2	24 - 116	12.944	12.93875	0.0053	+/-1.00	
SB006 (2 IN -24 IN) (25A0590-02)				Lab File ID: E900324890.D		Analyzed: 01/15/25 20:30		
SURR: 2-Fluorophenol	1.68	70.1	20 - 108	4.418	4.412	0.0060	+/-1.00	
SURR: Phenol-d6	1.68	63.9	23 - 114	5.191	5.182	0.0090	+/-1.00	
SURR: Nitrobenzene-d5	0.842	64.3	22 - 108	5.964	5.964	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	0.842	61.1	21 - 113	7.609	7.609375	-0.0004	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.68	85.8	19 - 110	9.526	9.519875	0.0061	+/-1.00	
SURR: Terphenyl-d14	0.842	63.4	24 - 116	12.944	12.93875	0.0053	+/-1.00	
SB006 (6- 8 FT) (25A0590-03)				Lab File ID: E900324891.D		Analyzed: 01/15/25 20:59		
SURR: 2-Fluorophenol	1.70	69.1	20 - 108	4.418	4.412	0.0060	+/-1.00	
SURR: Phenol-d6	1.70	63.4	23 - 114	5.191	5.182	0.0090	+/-1.00	
SURR: Nitrobenzene-d5	0.848	66.0	22 - 108	5.964	5.964	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	0.848	61.2	21 - 113	7.609	7.609375	-0.0004	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.70	84.1	19 - 110	9.521	9.519875	0.0011	+/-1.00	
SURR: Terphenyl-d14	0.848	63.3	24 - 116	12.944	12.93875	0.0053	+/-1.00	
SB007 (0-2IN) (25A0590-04)				Lab File ID: E900324892.D		Analyzed: 01/15/25 21:28		
SURR: 2-Fluorophenol	1.75	83.6	20 - 108	4.418	4.412	0.0060	+/-1.00	
SURR: Phenol-d6	1.75	74.4	23 - 114	5.191	5.182	0.0090	+/-1.00	
SURR: Nitrobenzene-d5	0.874	78.2	22 - 108	5.964	5.964	0.0000	+/-1.00	
SURR: 2-Fluorobiphenyl	0.874	70.6	21 - 113	7.609	7.609375	-0.0004	+/-1.00	
SURR: 2,4,6-Tribromophenol	1.75	97.2	19 - 110	9.526	9.519875	0.0061	+/-1.00	
SURR: Terphenyl-d14	0.874	74.0	24 - 116	12.944	12.93875	0.0053	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

SB007 (6-8FT)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50757
Laboratory ID: BA50757-MS1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: SB007 (6-8FT)

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.841	ND	0.653	77.6	10 - 130
1,2,4,5-Tetrachlorobenzene	0.841	ND	0.635	75.4	10 - 133
1,2,4-Trichlorobenzene	0.841	ND	0.471	55.9	10 - 127
1,2-Dichlorobenzene	0.841	ND	0.660	78.5	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.841	ND	0.766	91.0	10 - 144
1,3-Dichlorobenzene	0.841	ND	0.672	79.8	11 - 111
1,4-Dichlorobenzene	0.841	ND	0.667	79.3	10 - 106
2,3,4,6-Tetrachlorophenol	0.841	ND	0.791	94.0	30 - 130
2,4,5-Trichlorophenol	0.841	ND	0.597	71.0	10 - 127
2,4,6-Trichlorophenol	0.841	ND	0.530	63.0	10 - 132
2,4-Dichlorophenol	0.841	ND	0.554	65.8	10 - 128
2,4-Dimethylphenol	0.841	ND	0.710	84.4	10 - 137
2,4-Dinitrophenol	0.841	ND	ND	*	10 - 171
2,4-Dinitrotoluene	0.841	ND	0.640	76.1	16 - 135
2,6-Dinitrotoluene	0.841	ND	0.630	74.9	18 - 131
2-Chloronaphthalene	0.841	ND	0.638	75.8	10 - 129
2-Chlorophenol	0.841	ND	0.806	95.8	15 - 116
2-Methylnaphthalene	0.841	ND	0.559	66.5	10 - 147
2-Methylphenol	0.841	ND	0.647	76.9	10 - 136
2-Nitroaniline	0.841	ND	0.763	90.7	10 - 137
2-Nitrophenol	0.841	ND	0.422	50.2	10 - 129
3- & 4-Methylphenols	0.841	ND	0.541	64.2	10 - 123
3,3-Dichlorobenzidine	0.841	ND	1.06	126	10 - 155
3-Nitroaniline	0.841	ND	0.763	90.7	12 - 133
4,6-Dinitro-2-methylphenol	0.841	ND	ND	*	10 - 155
4-Bromophenyl phenyl ether	0.841	ND	0.597	71.0	14 - 128
4-Chloro-3-methylphenol	0.841	ND	0.561	66.6	10 - 134
4-Chloroaniline	0.841	ND	0.457	54.3	10 - 145
4-Chlorophenyl phenyl ether	0.841	ND	0.526	62.6	14 - 130
4-Nitroaniline	0.841	ND	0.668	79.4	10 - 147
4-Nitrophenol	0.841	ND	0.470	55.8	10 - 137

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

SB007 (6-8FT)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50757
Laboratory ID: BA50757-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: SB007 (6-8FT)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Biphenyl	0.841	0.563	67.0	14.7	30	10 - 130
1,2,4,5-Tetrachlorobenzene	0.841	0.503	59.8	23.2	30	10 - 133
1,2,4-Trichlorobenzene	0.841	0.381	45.3	21.0	30	10 - 127
1,2-Dichlorobenzene	0.841	0.576	68.5	13.6	30	14 - 111
1,2-Diphenylhydrazine (as Azobenzene)	0.841	0.587	69.8	26.5	30	10 - 144
1,3-Dichlorobenzene	0.841	0.575	68.3	15.6	30	11 - 111
1,4-Dichlorobenzene	0.841	0.586	69.6	13.0	30	10 - 106
2,3,4,6-Tetrachlorophenol	0.841	0.734	87.3	7.41	30	30 - 130
2,4,5-Trichlorophenol	0.841	0.507	60.2	16.3	30	10 - 127
2,4,6-Trichlorophenol	0.841	0.446	53.0	17.2	30	10 - 132
2,4-Dichlorophenol	0.841	0.462	54.9	18.2	30	10 - 128
2,4-Dimethylphenol	0.841	0.528	62.8	29.3	30	10 - 137
2,4-Dinitrophenol	0.841	ND	*		30	10 - 171
2,4-Dinitrotoluene	0.841	0.451	53.6	34.7 *	30	16 - 135
2,6-Dinitrotoluene	0.841	0.502	59.7	22.6	30	18 - 131
2-Chloronaphthalene	0.841	0.480	57.0	28.3	30	10 - 129
2-Chlorophenol	0.841	0.649	77.1	21.6	30	15 - 116
2-Methylnaphthalene	0.841	0.472	56.1	17.0	30	10 - 147
2-Methylphenol	0.841	0.561	66.6	14.3	30	10 - 136
2-Nitroaniline	0.841	0.631	75.0	18.9	30	10 - 137
2-Nitrophenol	0.841	0.370	43.9	13.3	30	10 - 129
3- & 4-Methylphenols	0.841	0.413	49.0	26.8	30	10 - 123
3,3-Dichlorobenzidine	0.841	0.798	94.8	28.4	30	10 - 155
3-Nitroaniline	0.841	0.631	75.0	18.9	30	12 - 133
4,6-Dinitro-2-methylphenol	0.841	ND	*		30	10 - 155
4-Bromophenyl phenyl ether	0.841	0.506	60.1	16.6	30	14 - 128
4-Chloro-3-methylphenol	0.841	0.484	57.5	14.7	30	10 - 134
4-Chloroaniline	0.841	0.333	39.5	31.5 *	30	10 - 145
4-Chlorophenyl phenyl ether	0.841	0.433	51.5	19.4	30	14 - 130
4-Nitroaniline	0.841	0.623	74.0	7.09	30	10 - 147
4-Nitrophenol	0.841	0.415	49.3	12.5	30	10 - 137
Acenaphthene	0.841	0.520	61.8	22.0	30	10 - 146

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270E

SB007 (6-8FT)

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50757
Laboratory ID: BA50757-MSD1
Preparation: EPA 3550C
Initial/Final: 30.1 g / 1 mL
Source Sample Name: SB007 (6-8FT)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	0.841	0.567	67.4	23.5	30	10 - 134
Acetophenone	0.841	0.461	54.8	23.2	30	10 - 116
Aniline	0.841	ND	*		30	10 - 123
Anthracene	0.841	0.582	69.2	13.3	30	10 - 142
Atrazine	0.841	0.557	66.2	13.8	30	19 - 115
Benzaldehyde	0.841	0.485	57.7	20.4	30	10 - 125
Benzo(a)anthracene	0.841	0.569	67.6	22.4	30	10 - 158
Benzo(a)pyrene	0.841	0.522	62.1	30.1 *	30	10 - 180
Benzo(b)fluoranthene	0.841	0.522	62.1	26.1	30	10 - 200
Benzo(g,h,i)perylene	0.841	0.602	71.6	25.4	30	10 - 138
Benzo(k)fluoranthene	0.841	0.527	62.6	20.8	30	10 - 197
Benzoic acid	0.841	0.0572	6.80 *	176 *	30	10 - 166
Benzyl alcohol	0.841	0.449	53.4	13.0	30	12 - 124
Benzyl butyl phthalate	0.841	0.746	88.7	19.8	30	10 - 154
Bis(2-chloroethoxy)methane	0.841	0.466	55.4	12.5	30	10 - 132
Bis(2-chloroethyl)ether	0.841	0.152	18.1	116 *	30	10 - 119
Bis(2-chloroisopropyl)ether	0.841	0.517	61.4	13.4	30	10 - 139
Bis(2-ethylhexyl)phthalate	0.841	0.718	85.3	23.1	30	10 - 167
Caprolactam	0.841	0.539	64.1	28.7	30	10 - 132
Carbazole	0.841	0.598	71.1	17.3	30	10 - 167
Chrysene	0.841	0.537	63.8	21.3	30	10 - 156
Dibenzo(a,h)anthracene	0.841	0.594	70.6	18.2	30	10 - 137
Dibenzofuran	0.841	0.468	55.7	25.8	30	10 - 147
Diethyl phthalate	0.841	0.553	65.8	24.5	30	20 - 120
Dimethyl phthalate	0.841	0.512	60.8	16.0	30	18 - 131
Di-n-butyl phthalate	0.841	0.655	77.8	20.4	30	10 - 137
Di-n-octyl phthalate	0.841	0.751	89.3	17.2	30	10 - 180
Fluoranthene	0.841	0.546	64.9	17.0	30	10 - 160
Fluorene	0.841	0.483	57.4	27.5	30	10 - 157
Hexachlorobenzene	0.841	0.743	88.3	33.7 *	30	10 - 137
Hexachlorobutadiene	0.841	0.372	44.2	26.3	30	10 - 132
Hexachlorocyclopentadiene	0.841	0.118	14.1	6.06	30	10 - 106
Hexachloroethane	0.841	0.508	60.3	24.3	30	10 - 110

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

SB007 (6-8FT)

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50757	Laboratory ID:	BA50757-MSD1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

Source Sample Name: SB007 (6-8FT)

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Indeno(1,2,3-cd)pyrene	0.841	0.710	84.4	15.1	30	10 - 144
Isophorone	0.841	0.418	49.7	17.6	30	10 - 132
Naphthalene	0.841	0.556	66.1	20.6	30	10 - 141
Nitrobenzene	0.841	0.383	45.5	14.7	30	10 - 131
N-Nitrosodimethylamine	0.841	0.425	50.5	13.6	30	10 - 126
N-nitroso-di-n-propylamine	0.841	0.419	49.8	15.5	30	10 - 125
N-Nitrosodiphenylamine	0.841	0.604	71.8	33.5 *	30	10 - 177
Pentachlorophenol	0.841	0.155	18.5	13.4	30	10 - 153
Phenanthrene	0.841	0.563	66.9	19.8	30	10 - 148
Phenol	0.841	0.469	55.8	23.4	30	10 - 126
Pyrene	0.841	0.602	71.5	20.4	30	10 - 165

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50822	Laboratory ID:	BA50822-BS1
Preparation:	EPA 3550C	Initial/Final:	30.1 g / 1 mL

COMPOUND	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC. #	QC LIMITS REC.
1,1-Biphenyl	0.831	0.614	74.0	18 - 111
1,2,4,5-Tetrachlorobenzene	0.831	0.579	69.7	21 - 131
1,2,4-Trichlorobenzene	0.831	0.351	42.2	10 - 140
1,2-Dichlorobenzene	0.831	0.567	68.2	34 - 108
1,2-Diphenylhydrazine (as Azobenzene)	0.831	0.636	76.5	17 - 137
1,3-Dichlorobenzene	0.831	0.574	69.2	33 - 110
1,4-Dichlorobenzene	0.831	0.551	66.4	32 - 104
2,3,4,6-Tetrachlorophenol	0.831	0.816	98.2	30 - 130
2,4,5-Trichlorophenol	0.831	0.542	65.2	27 - 118
2,4,6-Trichlorophenol	0.831	0.520	62.6	31 - 120
2,4-Dichlorophenol	0.831	0.471	56.8	20 - 127
2,4-Dimethylphenol	0.831	0.640	77.0	14 - 132
2,4-Dinitrophenol	0.831	ND	*	10 - 171
2,4-Dinitrotoluene	0.831	0.543	65.3	34 - 131
2,6-Dinitrotoluene	0.831	0.555	66.9	31 - 128
2-Chloronaphthalene	0.831	0.581	70.0	31 - 117
2-Chlorophenol	0.831	0.643	77.4	33 - 113
2-Methylnaphthalene	0.831	0.455	54.8	12 - 138
2-Methylphenol	0.831	0.533	64.2	10 - 136
2-Nitroaniline	0.831	0.715	86.1	27 - 132
2-Nitrophenol	0.831	0.445	53.5	17 - 129
3- & 4-Methylphenols	0.831	0.443	53.4	29 - 103
3,3-Dichlorobenzidine	0.831	0.924	111	22 - 149
3-Nitroaniline	0.831	0.715	86.1	20 - 133
4,6-Dinitro-2-methylphenol	0.831	0.0621	7.48 *	10 - 143
4-Bromophenyl phenyl ether	0.831	0.599	72.1	29 - 120
4-Chloro-3-methylphenol	0.831	0.469	56.4	24 - 129
4-Chloroaniline	0.831	0.278	33.4	10 - 132
4-Chlorophenyl phenyl ether	0.831	0.491	59.2	27 - 124
4-Nitroaniline	0.831	0.711	85.6	16 - 128

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Instrument: MSBNA9
Calibration Date: 01/09/25 00:09

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1-Biphenyl	0.5636684	9.079173	7.713	1.827196E-02			SPCC (0.01)	
1,2,4,5-Tetrachlorobenzene	0.3528569	6.500748	7.44	1.680764E-02			SPCC (0.01)	
1,2,4-Trichlorobenzene	0.2180511	7.248601	6.528	2.272826E-02			20	
1,2-Dichlorobenzene	1.407891	8.094926	5.644	1.017298E-02			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.9202075	10.58488	9.366	2.836835E-02			20	
1,3-Dichlorobenzene	1.415826	8.791568	5.441	6.058229E-03			20	
1,4-Dichlorobenzene	1.473697	8.354359	5.483167	5.445093E-02			20	
1-Methylnaphthalene	0.5407672	7.897665	7.347	2.019464E-02			20	
2,3,4,6-Tetrachlorophenol	9.508644E-02	16.10908	8.90525	1.884551E-02			SPCC (0.01)	
2,4,5-Trichlorophenol	0.258419	15.26299	7.584375	2.633681E-02			SPCC (0.2)	
2,4,6-Trichlorophenol	0.2386556	13.65262	7.539	8.613584E-03			SPCC (0.2)	
2,4-Dichlorophenol	0.2031536	9.974615	6.443125	5.136206E-02			SPCC (0.2)	
2,4-Dimethylphenol	0.2496062	8.213394	6.25025	4.025916E-02			SPCC (0.2)	
2,4-Dinitrophenol	6.420455E-02	44.77351	8.52325	3.607475E-02			SPCC (0.01)	*
2,4-Dinitrotoluene	0.3097274	19.44964	8.720333	3.464395E-02			SPCC (0.2)	
2,6-Dinitrotoluene	0.2309661	16.90621	8.206	2.139382E-02			SPCC (0.2)	
2-Chloronaphthalene	1.021858	8.766706	7.749	3.006701E-02			SPCC (0.8)	
2-Chlorophenol	1.317031	10.23865	5.32125	5.665708E-02			SPCC (0.8)	
2-Methylnaphthalene	0.6082	7.682208	7.231	1.450993E-02			SPCC (0.4)	
2-Methylphenol	1.109819	8.52858	5.6865	5.212396E-02			SPCC (0.7)	
2-Nitroaniline	0.3413455	17.39286	7.898	2.920695E-02			SPCC (0.01)	
2-Nitrophenol	0.1269698	16.24729	6.2505	4.738997E-02			SPCC (0.1)	
3- & 4-Methylphenols	1.672428	10.53454	5.8025	5.256554E-02			SPCC (0.6)	
3,3-Dichlorobenzidine	0.4342148	10.10199	15.13183	2.775576E-02			SPCC (0.01)	
3-Nitroaniline	0.301429	15.111	8.398	5.518148E-02			SPCC (0.01)	
4,6-Dinitro-2-methylphenol	6.466289E-02	45.94438	9.307	5.377752E-02			SPCC (0.01)	*
4-Bromophenyl phenyl ether	0.1787162	11.05968	9.740167	2.158323E-02			SPCC (0.1)	
4-Chloro-3-methylphenol	0.2463904	8.367447	7.06275	3.159045E-02			SPCC (0.2)	
4-Chloroaniline	0.3890625	7.964719	6.647	4.973105E-02			SPCC (0.01)	
4-Chlorophenyl phenyl ether	0.4681951	8.759382	9.141	3.698613E-02			SPCC (0.4)	
4-Nitroaniline	0.3169376	15.51491	9.266833	9.475666E-02			SPCC (0.01)	
4-Nitrophenol	0.2065287	18.52087	8.555875	7.017164E-02			SPCC (0.01)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40026
Instrument: BNA#2
Calibration Date: 09/17/24 00:45

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.040554	7.549999	8.244167	0.0336737			SPCC (0.9)	
Acenaphthylene	1.620098	7.504562	8.031166	0.0223096			SPCC (0.9)	
Acetophenone	1.978238	9.63163	5.857667	3.557226E-02			SPCC (0.01)	
Alpha Terpineol	0.160847	6.325107	6.480833	2.211827E-02			20	
Aniline	1.648105	7.193987	5.351	1.430196E-02			SPCC ()	
Anthracene	1.019669	7.304898	10.50067	5.131133E-02			SPCC (0.7)	
Atrazine	0.2253997	8.08887	9.913	0.0641603			SPCC (0.01)	
Benzaldehyde	1.005822	8.141308	5.261	1.895205E-02			SPCC (0.01)	
Benzidine	0.6177528	26.1499	13.08117	3.973306E-02			20	*
Benzo(a)anthracene	1.192922	9.121015	15.9365	0.0444709			SPCC (0.8)	
Benzo(a)pyrene	1.130742	7.117132	18.99483	4.734778E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.18772	8.159775	18.3305	5.043724E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	0.9806243	11.89941	21.802	0.0822491			SPCC (0.5)	
Benzo(k)fluoranthene	1.197453	5.924399	18.381	6.446095E-02			SPCC (0.7)	
Benzoic acid	0.144197	36.7107	6.295833	0.2441053			20	*
Benzyl alcohol	0.871904	11.3671	5.659	1.305403E-02			20	
Benzyl butyl phthalate	0.4832957	11.20028	14.80967	3.557187E-02			20	
Bis(2-chloroethoxy)methane	0.3032057	5.348481	6.289333	2.048521E-02			SPCC (0.3)	
Bis(2-chloroethyl)ether	1.013472	9.764911	5.3745	0.0129822			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	0.7241856	9.596415	5.754	2.298761E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.6262666	8.467832	16.18967	2.773468E-02			20	
Caprolactam	0.1225331	17.25225	6.851	0.1649278			SPCC (0.01)	
Carbazole	0.9695505	6.339972	10.8035	4.976633E-02			SPCC (0.01)	
Chrysene	1.081493	6.124389	16.03883	5.448151E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.040452	14.31371	21.26133	6.753395E-02			SPCC (0.4)	
Dibenzofuran	1.568527	7.064307	8.435834	1.795612E-02			SPCC (0.8)	
Diethyl phthalate	1.271325	8.003654	8.748	4.887365E-02			SPCC (0.01)	
Dimethyl phthalate	1.270829	8.103188	7.8845	3.608639E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.125569	9.329102	11.5355	1.613843E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.130335	10.97505	17.55783	0.034754			SPCC (0.01)	
Diphenylamine	0.5340901	8.936594	9.045333	4.275662E-02			20	
Fluoranthene	1.283493	7.935635	12.759	4.672974E-02			SPCC (0.6)	

FORM VI **INITIAL CALIBRATION DATA (Continued)**

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers Project: ORFD2301

Calibration: SL40038 Instrument: BNA#6

Calibration Date: 12/13/24 00:14

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.056851	4.293211	7.62	1.739022E-02			SPCC (0.9)	
Acenaphthylene	1.739787	5.857897	7.42	1.347544E-02			SPCC (0.9)	
Acetophenone	2.692726	9.455121	5.373333	9.583287E-02			SPCC (0.01)	
Alpha Terpineol	0.4164434	9.445233	5.995	9.061081E-02			20	
Aniline	2.32718	4.357813	4.85	2.205712E-03			SPCC ()	
Anthracene	1.129148	5.098016	9.74	2.158541E-02			SPCC (0.7)	
Atrazine	0.2519675	10.53547	9.211667	0.0495191			SPCC (0.01)	
Benzaldehyde	1.390721	7.547339	4.75	0			SPCC (0.01)	
Benzidine	0.6802526	10.92372	12.27	2.231413E-02			20	
Benzo(a)anthracene	1.315848	6.824658	15.07167	2.633941E-02			SPCC (0.8)	
Benzo(a)pyrene	1.258366	6.416057	18.11333	2.420298E-02			SPCC (0.7)	
Benzo(b)fluoranthene	1.275583	6.465119	17.455	3.162475E-02			SPCC (0.7)	
Benzo(g,h,i)perylene	1.031278	6.027164	20.71333	4.734635E-02			SPCC (0.5)	
Benzo(k)fluoranthene	1.330352	6.316503	17.505	4.658895E-02			SPCC (0.7)	
Benzoic acid	0.4425136	7.953936	5.806667	0.2091941			20	
Benzyl alcohol	1.178303	3.953109	5.17	7.356541E-03			20	
Benzyl butyl phthalate	0.5876782	7.538345	14.02167	2.686936E-02			20	
Bis(2-chloroethoxy)methane	0.5667398	27.16436	5.848333	1.186701			SPCC (0.3)	*
Bis(2-chloroethyl)ether	1.783838	6.506241	4.89	1.957201E-02			SPCC (0.7)	
Bis(2-chloroisopropyl)ether	1.183058	8.321138	5.28	1.458778E-02			SPCC (0.01)	
Bis(2-ethylhexyl)phthalate	0.8767199	6.155489	15.43	1.701412E-02			20	
Caprolactam	0.1416889	11.64345	6.318333	0.1558557			SPCC (0.01)	
Carbazole	1.010999	5.351314	10.035	5.168434E-02			SPCC (0.01)	
Chrysene	1.295428	7.507997	15.17333	3.458342E-02			SPCC (0.7)	
Dibenzo(a,h)anthracene	1.048738	2.960424	20.26833	4.067146E-02			SPCC (0.4)	
Dibenzofuran	1.753503	5.50337	7.8	1.398662E-02			SPCC (0.8)	
Diethyl phthalate	1.469231	7.638023	8.113333	6.234025E-02			SPCC (0.01)	
Dimethyl phthalate	1.505929	9.512533	7.303333	6.915268E-02			SPCC (0.01)	
Di-n-butyl phthalate	1.232148	7.017485	10.79333	5.134563E-02			SPCC (0.01)	
Di-n-octyl phthalate	1.502514	6.615121	16.79667	2.686135E-02			SPCC (0.01)	
Diphenylamine	0.5209964	4.940428	8.38	1.581306E-02			20	
Fluoranthene	1.370998	6.081782	11.93	1.261013E-02			SPCC (0.6)	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV1
Sequence: S5A1005
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	32.9	9.6	30.00
1,2-Dichlorobenzene	30.0	30.4	1.2	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	31.4	4.5	30.00
1,3-Dichlorobenzene	30.0	31.3	4.4	30.00
1,4-Dichlorobenzene	30.0	30.4	1.3	30.00
1-Methylnaphthalene	30.0	30.3	1.0	30.00
2,3,4,6-Tetrachlorophenol	30.0	40.6	35.5 *	30.00
2,4,5-Trichlorophenol	30.0	34.4	14.7	30.00
2,4,6-Trichlorophenol	30.0	34.7	15.6	30.00
2,4-Dichlorophenol	30.0	35.4	17.9	30.00
2,4-Dimethylphenol	30.0	36.8	22.8	30.00
2,4-Dinitrophenol	30.0	43.3	44.3 *	30.00
2,4-Dinitrotoluene	30.0	36.5	21.6	30.00
2,6-Dinitrotoluene	30.0	35.8	19.2	30.00
2-Chloronaphthalene	30.0	30.0	0.2	30.00
2-Chlorophenol	30.0	33.1	10.3	30.00
2-Methylnaphthalene	30.0	33.5	11.5	30.00
2-Methylphenol	30.0	31.6	5.3	30.00
2-Nitroaniline	30.0	34.3	14.3	30.00
2-Nitrophenol	30.0	40.1	33.7 *	30.00
3- & 4-Methylphenols	30.0	28.2	-6.1	30.00
3-Nitroaniline	30.0	33.9	13.1	30.00
4,6-Dinitro-2-methylphenol	30.0	45.6	51.9 *	30.00
4-Bromophenyl phenyl ether	30.0	30.1	0.2	30.00
4-Chloro-3-methylphenol	30.0	34.2	14.1	30.00
4-Chloroaniline	30.0	33.7	12.4	30.00
4-Chlorophenyl phenyl ether	30.0	31.0	3.4	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV1
Sequence: S5A1005
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Fluoranthene	30.0	30.3	1.1	30.00
Fluorene	30.0	30.3	1.1	30.00
Hexachlorobenzene	30.0	30.4	1.3	30.00
Hexachlorobutadiene	30.0	32.8	9.3	30.00
Hexachlorocyclopentadiene	30.0	35.0	16.5	30.00
Hexachloroethane	30.0	30.8	2.8	30.00
Indeno(1,2,3-cd)pyrene	30.0	34.1	13.7	30.00
Isophorone	30.0	32.0	6.6	30.00
Naphthalene	30.0	32.2	7.2	30.00
Nitrobenzene	30.0	33.4	11.4	30.00
N-Nitrosodimethylamine	30.0	32.0	6.5	30.00
N-nitroso-di-n-propylamine	30.0	28.5	-4.9	30.00
N-Nitrosodiphenylamine	30.0	34.6	15.4	30.00
Pentachlorophenol	30.0	46.5	55.0 *	30.00
Phenanthrene	30.0	30.3	0.9	30.00
Phenol	30.0	31.2	4.0	30.00
Pyrene	30.0	29.7	-1.1	30.00
Pyridine	30.0	29.6	-1.2	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50022
Laboratory ID: S5A1005-SCV2
Sequence: S5A1005
Standard ID: S24K021

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	30.2	0.6	30.00
3,3-Dichlorobenzidine	30.0	33.6	12.0	30.00
Acetophenone	30.0	30.5	1.7	30.00
Atrazine	30.0	30.9	3.1	30.00
Benzaldehyde	30.0	33.1	10.2	30.00
Benzidine	30.0	46.7	55.6 *	30.00
Benzoic acid	30.0	36.0	20.0	30.00
Caprolactam	30.0	39.0	30.0	30.00
Pentachloronitrobenzene	30.0	32.4	7.9	30.00
Parathion	30.0	35.4	18.1	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40026
Laboratory ID: S4I1839-SCV1
Sequence: S4I1839
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	32.0	6.6	30.00
1,2-Dichlorobenzene	30.0	30.8	2.8	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	30.3	1.0	30.00
1,3-Dichlorobenzene	30.0	31.2	4.0	30.00
1,4-Dichlorobenzene	30.0	31.2	4.0	30.00
2,3,4,6-Tetrachlorophenol	30.0	34.7	15.8	30.00
2,4,5-Trichlorophenol	30.0	30.4	1.4	30.00
2,4,6-Trichlorophenol	30.0	31.2	4.0	30.00
2,4-Dichlorophenol	30.0	32.6	8.7	30.00
2,4-Dimethylphenol	30.0	20.8	-30.7 *	30.00
2,4-Dinitrophenol	30.0	27.4	-8.7	30.00
2,4-Dinitrotoluene	30.0	32.4	8.1	30.00
2,6-Dinitrotoluene	30.0	32.4	8.0	30.00
2-Chloronaphthalene	30.0	30.3	1.0	30.00
2-Chlorophenol	30.0	32.2	7.3	30.00
2-Methylnaphthalene	30.0	31.6	5.4	30.00
2-Methylphenol	30.0	31.3	4.3	30.00
2-Nitroaniline	30.0	31.6	5.5	30.00
2-Nitrophenol	30.0	33.4	11.2	30.00
3- & 4-Methylphenols	30.0	27.5	-8.2	30.00
3-Nitroaniline	30.0	30.4	1.3	30.00
4,6-Dinitro-2-methylphenol	30.0	40.0	33.2 *	30.00
4-Bromophenyl phenyl ether	30.0	31.0	3.3	30.00
4-Chloro-3-methylphenol	30.0	32.7	9.0	30.00
4-Chloroaniline	30.0	27.9	-7.1	30.00
4-Chlorophenyl phenyl ether	30.0	29.8	-0.5	30.00
4-Nitroaniline	30.0	29.9	-0.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40026
Laboratory ID: S4I1839-SCV1
Sequence: S4I1839
Standard ID: S24A308

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Hexachlorobutadiene	30.0	31.6	5.2	30.00
Hexachlorocyclopentadiene	30.0	14.0	-53.4 *	30.00
Hexachloroethane	30.0	31.9	6.2	30.00
Indeno(1,2,3-cd)pyrene	30.0	33.8	12.8	30.00
Isophorone	30.0	31.8	6.0	30.00
Naphthalene	30.0	32.2	7.4	30.00
Nitrobenzene	30.0	31.3	4.4	30.00
N-Nitrosodimethylamine	30.0	31.2	3.8	30.00
N-nitroso-di-n-propylamine	30.0	30.0	0.03	30.00
N-Nitrosodiphenylamine	30.0	35.8	19.2	30.00
Pentachlorophenol	30.0	38.2	27.2	30.00
Phenanthrene	30.0	30.7	2.5	30.00
Phenol	30.0	31.4	4.7	30.00
Pyrene	30.0	31.8	6.0	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SI40026
Laboratory ID: S4I1839-SCV2
Sequence: S4I1839
Standard ID: S24A243

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	16.6	-44.6 *	30.00
3,3-Dichlorobenzidine	30.0	15.5	-48.3 *	30.00
Acetophenone	30.0	19.0	-36.6 *	30.00
Atrazine	30.0	17.0	-43.3 *	30.00
Benzaldehyde	30.0	17.9	-40.4 *	30.00
Benzidine	30.0	19.3	-35.7 *	30.00
Benzoic acid	30.0	24.5	-18.2	30.00
Caprolactam	30.0	19.6	-34.5 *	30.00

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40038
Laboratory ID: S4L1938-SCV1
Sequence: S4L1938
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4-Trichlorobenzene	30.0	31.3	4.3	30.00
1,2-Dichlorobenzene	30.0	29.4	-1.9	30.00
1,2-Diphenylhydrazine (as Azobenzene)	30.0	30.8	2.6	30.00
1,3-Dichlorobenzene	30.0	30.2	0.7	30.00
1,4-Dichlorobenzene	30.0	29.8	-0.8	30.00
1-Methylnaphthalene	30.0	30.0	0.03	30.00
2,3,4,6-Tetrachlorophenol	30.0	36.4	21.5	30.00
2,4,5-Trichlorophenol	30.0	32.2	7.2	30.00
2,4,6-Trichlorophenol	30.0	30.8	2.5	30.00
2,4-Dichlorophenol	30.0	32.4	7.8	30.00
2,4-Dimethylphenol	30.0	38.1	27.0	30.00
2,4-Dinitrophenol	30.0	33.4	11.4	30.00
2,4-Dinitrotoluene	30.0	33.9	12.9	30.00
2,6-Dinitrotoluene	30.0	29.9	-0.2	30.00
2-Chloronaphthalene	30.0	30.9	2.9	30.00
2-Chlorophenol	30.0	30.7	2.4	30.00
2-Methylnaphthalene	30.0	32.0	6.7	30.00
2-Methylphenol	30.0	29.8	-0.5	30.00
2-Nitroaniline	30.0	31.0	3.3	30.00
2-Nitrophenol	30.0	35.1	17.0	30.00
3- & 4-Methylphenols	30.0	26.3	-12.5	30.00
3-Nitroaniline	30.0	31.0	3.3	30.00
4,6-Dinitro-2-methylphenol	30.0	31.3	4.4	30.00
4-Bromophenyl phenyl ether	30.0	29.8	-0.7	30.00
4-Chloro-3-methylphenol	30.0	35.5	18.3	30.00
4-Chloroaniline	30.0	34.1	13.7	30.00
4-Chlorophenyl phenyl ether	30.0	31.0	3.3	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40038
Laboratory ID: S4L1938-SCV1
Sequence: S4L1938
Standard ID: S24K104

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
4-Nitroaniline	30.0	31.4	4.7	30.00
4-Nitrophenol	30.0	29.8	-0.5	30.00
Acenaphthene	30.0	29.2	-2.6	30.00
Acenaphthylene	30.0	29.5	-1.7	30.00
Aniline	30.0	34.5	15.1	30.00
Anthracene	30.0	29.7	-0.9	30.00
Benzo(a)anthracene	30.0	30.2	0.7	30.00
Benzo(a)pyrene	30.0	28.5	-4.9	30.00
Benzo(b)fluoranthene	30.0	29.5	-1.5	30.00
Benzo(g,h,i)perylene	30.0	33.8	12.7	30.00
Benzo(k)fluoranthene	30.0	29.0	-3.3	30.00
Benzyl alcohol	30.0	29.8	-0.7	30.00
Benzyl butyl phthalate	30.0	30.0	-0.1	30.00
Bis(2-chloroethoxy)methane	30.0	36.1	20.3	30.00
Bis(2-chloroethyl)ether	30.0	27.6	-7.9	30.00
Bis(2-chloroisopropyl)ether	30.0	29.8	-0.7	30.00
Bis(2-ethylhexyl)phthalate	30.0	29.1	-3.1	30.00
Carbazole	30.0	30.4	1.2	30.00
Chrysene	30.0	28.7	-4.5	30.00
Cresols, total	60.0	56.1	-6.5	30.00
Dibenzo(a,h)anthracene	30.0	31.0	3.4	30.00
Dibenzofuran	30.0	31.3	4.4	30.00
Diethyl phthalate	30.0	29.6	-1.5	30.00
Dimethyl phthalate	30.0	29.9	-0.3	30.00
Di-n-butyl phthalate	30.0	30.1	0.4	30.00
Di-n-octyl phthalate	30.0	28.6	-4.5	30.00
Diphenylamine	30.0	36.3	20.9	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270E

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SL40038
Laboratory ID: S4L1938-SCV2
Sequence: S4L1938
Standard ID: S24K021

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
1,2,4,5-Tetrachlorobenzene	30.0	32.8	9.5	30.00
3,3-Dichlorobenzidine	30.0	65.6	119 *	30.00
Acetophenone	30.0	34.3	14.5	30.00
Atrazine	30.0	35.4	18.0	30.00
Benzaldehyde	30.0	33.8	12.8	30.00
Benzidine	30.0	38.7	29.0	30.00
Benzoic acid	30.0	27.0	-10.0	30.00
Caprolactam	30.0	35.9	19.7	30.00
Pentachloronitrobenzene	30.0	34.8	15.9	30.00
Parathion	30.0	35.7	18.9	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324849.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1443	Injection Date:	01/14/25
Lab Sample ID:	S5A1443-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	29.8	0.5636684	0.5590865	0.01	-0.8	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	30.2	0.3528569	0.3558198	0.01	0.8	20	
1,2,4-Trichlorobenzene	A	30.0	31.0	0.2180511	0.2251645		3.3	20	
1,2-Dichlorobenzene	A	30.0	31.2	1.407891	1.466625		4.2	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	30.4	0.9202075	0.9309338		1.2	20	
1,3-Dichlorobenzene	A	30.0	31.3	1.415826	1.475702		4.2	20	
1,4-Dichlorobenzene	A	30.0	30.4	1.473697	1.49436		1.4	20	
1-Methylnaphthalene	A	30.0	30.8	0.5407672	0.5547429		2.6	20	
2,3,4,6-Tetrachlorophenol	A	30.0	38.5	9.508644E-02	0.1220538	0.01	28.4	20	*
2,4,5-Trichlorophenol	A	30.0	35.8	0.258419	0.3084642	0.2	19.4	20	
2,4,6-Trichlorophenol	A	30.0	35.8	0.2386556	0.285209	0.2	19.5	20	
2,4-Dichlorophenol	A	30.0	33.8	0.2031536	0.2291006	0.2	12.8	20	
2,4-Dimethylphenol	A	30.0	32.8	0.2496062	0.2731414	0.2	9.4	20	
2,4-Dinitrophenol	A	30.0	66.0	6.420455E-02	0.141345	0.01	120	20	*
2,4-Dinitrotoluene	A	30.0	39.3	0.3097274	0.4060513	0.2	31.1	20	*
2,6-Dinitrotoluene	A	30.0	36.9	0.2309661	0.2841607	0.2	23.0	20	*
2-Chloronaphthalene	A	30.0	30.3	1.021858	1.03067	0.8	0.9	20	
2-Chlorophenol	A	30.0	33.6	1.317031	1.47409	0.8	11.9	20	
2-Methylnaphthalene	A	30.0	31.2	0.6082	0.6325407	0.4	4.0	20	
2-Methylphenol	A	30.0	32.0	1.109819	1.183588	0.7	6.6	20	
2-Nitroaniline	A	30.0	37.5	0.3413455	0.4263059	0.01	24.9	20	*
2-Nitrophenol	A	30.0	39.2	0.1269698	0.1660986	0.1	30.8	20	*
3- & 4-Methylphenols	A	30.0	33.3	1.672428	1.858027	0.6	11.1	20	
3,3-Dichlorobenzidine	A	30.0	36.6	0.4342148	0.5289491	0.01	21.8	20	*
3-Nitroaniline	A	30.0	37.0	0.301429	0.3719473	0.01	23.4	20	*
4,6-Dinitro-2-methylphenol	A	30.0	58.4	6.466289E-02	0.1258984	0.01	94.7	20	*
4-Bromophenyl phenyl ether	A	30.0	30.6	0.1787162	0.1825341	0.1	2.1	20	
4-Chloro-3-methylphenol	A	30.0	34.1	0.2463904	0.2803451	0.2	13.8	20	
4-Chloroaniline	A	30.0	31.9	0.3890625	0.4141477	0.01	6.4	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324849.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1443	Injection Date:	01/14/25
Lab Sample ID:	S5A1443-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	31.7	0.4681951	0.4950823	0.4	5.7	20	
4-Nitroaniline	A	30.0	38.2	0.3169376	0.4039329	0.01	27.4	20	*
4-Nitrophenol	A	30.0	42.1	0.2065287	0.2895915	0.01	40.2	20	*
Acenaphthene	A	30.0	30.2	1.122579	1.130435	0.9	0.7	20	
Acenaphthylene	A	30.0	31.7	1.692716	1.787677	0.9	5.6	20	
Acetophenone	A	30.0	31.1	1.989401	2.061558	0.01	3.6	20	
Alpha Terpineol	A	30.0	29.8	0.2306757	0.2288994		-0.8	20	
Aniline	A	30.0	33.2	1.870734	2.068618		10.6	20	
Anthracene	A	30.0	31.4	1.09762	1.150032	0.7	4.8	20	
Atrazine	A	30.0	31.5	0.1759347	0.1848891	0.01	5.1	20	
Benzaldehyde	A	30.0	30.3	0.9704121	0.9789341	0.01	0.9	20	
Benzidine	A	30.0	42.5	0.4289636	0.6071387		41.5	20	*
Benzo(a)anthracene	A	30.0	33.2	1.105801	1.224581	0.8	10.7	20	
Benzo(a)pyrene	A	30.0	35.0	1.223535	1.426423	0.7	16.6	20	
Benzo(b)fluoranthene	A	30.0	35.4	1.223895	1.442689	0.7	17.9	20	
Benzo(g,h,i)perylene	A	30.0	33.5	1.005498	1.123594	0.5	11.7	20	
Benzo(k)fluoranthene	A	30.0	34.1	1.306436	1.485352	0.7	13.7	20	
Benzoic acid	A	30.0	47.9	0.1466198	0.2342479		59.8	20	*
Benzyl alcohol	A	30.0	32.5	0.9471812	1.025026		8.2	20	
Benzyl butyl phthalate	A	30.0	33.0	0.6526302	0.7169804		9.9	20	
Bis(2-chloroethoxy)methane	A	30.0	30.4	0.3612269	0.3660187	0.3	1.3	20	
Bis(2-chloroethyl)ether	A	30.0	31.7	1.354626	1.430498	0.7	5.6	20	
Bis(2-chloroisopropyl)ether	A	30.0	29.6	1.702433	1.676657	0.01	-1.5	20	
Bis(2-ethylhexyl)phthalate	A	30.0	33.1	0.9543974	1.054088		10.4	20	
Caprolactam	A	30.0	31.5	9.763401E-02	0.1024612	0.01	4.9	20	
Carbazole	A	30.0	32.3	1.092541	1.174843	0.01	7.5	20	
Chrysene	A	30.0	32.8	1.155958	1.264598	0.7	9.4	20	
Dibenzo(a,h)anthracene	A	30.0	33.5	1.083499	1.211458	0.4	11.8	20	
Dibenzofuran	A	30.0	31.4	1.483019	1.551179	0.8	4.6	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324849.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1443	Injection Date:	01/14/25
Lab Sample ID:	S5A1443-CCV1	Injection Time:	08:49

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	32.7	1.220568	1.331814	0.01	9.1	20	
Dimethyl phthalate	A	30.0	32.4	1.150894	1.244944	0.01	8.2	20	
Di-n-butyl phthalate	A	30.0	31.9	1.299668	1.380318	0.01	6.2	20	
Di-n-octyl phthalate	A	30.0	35.2	1.642869	1.930519	0.01	17.5	20	
Diphenylamine	A	30.0	30.6	0.6599637	0.6735995		2.1	20	
Fluoranthene	A	30.0	33.0	1.015022	1.117206	0.6	10.1	20	
Fluorene	A	30.0	32.2	1.256116	1.349174	0.9	7.4	20	
Hexachlorobenzene	A	30.0	30.2	8.859345E-02	8.917993E-02	0.1	0.7	20	
Hexachlorobutadiene	A	30.0	29.9	9.765402E-02	9.732475E-02	0.01	-0.3	20	
Hexachlorocyclopentadiene	A	30.0	33.8	0.2081762	0.2346729	0.05	12.7	20	
Hexachloroethane	A	30.0	30.9	0.5633742	0.5806607	0.3	3.1	20	
Indeno(1,2,3-cd)pyrene	A	30.0	35.0	1.012589	1.179542	0.5	16.5	20	
Isophorone	A	30.0	31.4	0.6006721	0.6286403	0.4	4.7	20	
Naphthalene	A	30.0	30.0	0.9440583	0.9449907	0.7	0.1	20	
Nitrobenzene	A	30.0	31.8	0.3010038	0.3186003	0.2	5.8	20	
N-Nitrosodimethylamine	A	30.0	33.0	0.750829	0.8248064		9.9	20	
N-nitroso-di-n-propylamine	A	30.0	30.6	1.16671	1.191924	0.5	2.2	20	
N-Nitrosodiphenylamine	A	30.0	30.1	0.224054	0.2244943	0.01	0.2	20	
Parathion	A	30.0	42.8	0.1133261	0.1615959		42.6	20	*
Pentachloronitrobenzene	A	30.0	33.9	5.945581E-02	6.710681E-02		12.9	20	
Pentachlorophenol	A	30.0	52.0	7.818986E-02	0.135396	0.05	73.2	20	*
Phenanthrene	A	30.0	30.6	1.090223	1.111876	0.7	2.0	20	
Phenol	A	30.0	33.0	1.630135	1.793872	0.8	10.0	20	
Pyrene	A	30.0	31.9	1.195195	1.269523	0.6	6.2	20	
Pyridine	A	30.0	41.5	0.9433678	1.304322		38.3	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#6	Calibration:	SL40038
Lab File ID:	SV65289.D	Calibration Date:	12/13/24 00:14
Sequence:	S5A1525	Injection Date:	01/15/25
Lab Sample ID:	S5A1525-CCV1	Injection Time:	10:15

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1-Biphenyl	A	30.0	29.8	0.5603706	0.5573647	0.01	-0.5	20	
1,2,4,5-Tetrachlorobenzene	A	30.0	24.6	0.7020023	0.5749748	0.01	-18.1	20	
1,2,4-Trichlorobenzene	A	30.0	19.6	0.4793398	0.3132203		-34.7	20	*
1,2-Dichlorobenzene	A	30.0	30.5	1.405019	1.426807		1.6	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	36.0	0.8271906	0.9911782		19.8	20	
1,3-Dichlorobenzene	A	30.0	31.3	1.429181	1.489816		4.2	20	
1,4-Dichlorobenzene	A	30.0	31.9	1.492632	1.585588		6.2	20	
1-Methylnaphthalene	A	30.0	26.8	0.6529165	0.5830402		-10.7	20	
2,3,4,6-Tetrachlorophenol	A	30.0	38.0	0.138617	0.1755666	0.01	26.7	20	*
2,4,5-Trichlorophenol	A	30.0	25.6	0.5353588	0.4564144	0.2	-14.7	20	
2,4,6-Trichlorophenol	A	30.0	24.9	0.4908008	0.4072457	0.2	-17.0	20	
2,4-Dichlorophenol	A	30.0	24.2	0.3723582	0.300981	0.2	-19.2	20	
2,4-Dimethylphenol	A	30.0	30.0	0.3200004	0.319454	0.2	-0.2	20	
2,4-Dinitrophenol	A	30.0	26.8	0.2596744	0.2320825	0.01	-10.6	20	
2,4-Dinitrotoluene	A	30.0	29.8	0.4838205	0.481058	0.2	-0.6	20	
2,6-Dinitrotoluene	A	30.0	30.9	0.3563236	0.3666298	0.2	2.9	20	
2-Chloronaphthalene	A	30.0	28.6	1.15887	1.105708	0.8	-4.6	20	
2-Chlorophenol	A	30.0	33.8	1.1442	1.291153	0.8	12.8	20	
2-Methylnaphthalene	A	30.0	28.1	0.7170047	0.6719781	0.4	-6.3	20	
2-Methylphenol	A	30.0	28.6	1.406674	1.340835	0.7	-4.7	20	
2-Nitroaniline	A	30.0	36.4	0.330188	0.4008888	0.01	21.4	20	*
2-Nitrophenol	A	30.0	29.0	0.1969188	0.1900716	0.1	-3.5	20	
3- & 4-Methylphenols	A	30.0	28.1	2.211142	2.068227	0.6	-6.5	20	
3,3-Dichlorobenzidine	A	30.0	56.0	0.5379387	0.5016838	0.01	-6.7	20	
3-Nitroaniline	A	30.0	36.4	0.330188	0.4008888	0.01	21.4	20	*
4,6-Dinitro-2-methylphenol	A	30.0	29.0	0.1654167	0.1596509	0.01	-3.5	20	
4-Bromophenyl phenyl ether	A	30.0	26.8	0.2249517	0.2013631	0.1	-10.5	20	
4-Chloro-3-methylphenol	A	30.0	25.2	0.4830872	0.405951	0.2	-16.0	20	
4-Chloroaniline	A	30.0	29.7	0.4542629	0.4495766	0.01	-1.0	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#6	Calibration:	SL40038
Lab File ID:	SV65289.D	Calibration Date:	12/13/24 00:14
Sequence:	S5A1525	Injection Date:	01/15/25
Lab Sample ID:	S5A1525-CCV1	Injection Time:	10:15

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	24.7	0.8171612	0.6716336	0.4	-17.8	20	
4-Nitroaniline	A	30.0	35.0	0.3015552	0.3513306	0.01	16.5	20	
4-Nitrophenol	A	30.0	2.11	0.3942939	2.769603E-02	0.01	-93.0	20	*
Acenaphthene	A	30.0	31.2	1.056851	1.100361	0.9	4.1	20	
Acenaphthylene	A	30.0	31.8	1.739787	1.844687	0.9	6.0	20	
Acetophenone	A	30.0	27.1	2.692726	2.429099	0.01	-9.8	20	
Alpha Terpineol	A	30.0	25.6	0.4164434	0.3546628		-14.8	20	
Aniline	A	30.0	25.9	2.32718	2.00909		-13.7	20	
Anthracene	A	30.0	29.8	1.129148	1.121071	0.7	-0.7	20	
Atrazine	A	30.0	29.8	0.2519675	0.2505474	0.01	-0.6	20	
Benzaldehyde	A	30.0	24.5	1.390721	1.136231	0.01	-18.3	20	
Benzidine	A	30.0	28.6	0.6802526	0.6473899		-4.8	20	
Benzo(a)anthracene	A	30.0	30.2	1.315848	1.323013	0.8	0.5	20	
Benzo(a)pyrene	A	30.0	29.4	1.258366	1.233255	0.7	-2.0	20	
Benzo(b)fluoranthene	A	30.0	29.0	1.275583	1.234922	0.7	-3.2	20	
Benzo(g,h,i)perylene	A	30.0	30.5	1.031278	1.048921	0.5	1.7	20	
Benzo(k)fluoranthene	A	30.0	27.6	1.330352	1.226357	0.7	-7.8	20	
Benzoic acid	A	30.0	19.4	0.4425136	0.2857793		-35.4	20	*
Benzyl alcohol	A	30.0	27.2	1.178303	1.069142		-9.3	20	
Benzyl butyl phthalate	A	30.0	39.9	0.5876782	0.7814587		33.0	20	*
Bis(2-chloroethoxy)methane	A	30.0	26.2	0.5667398	0.4952611	0.3	-12.6	20	
Bis(2-chloroethyl)ether	A	30.0	26.1	1.783838	1.553817	0.7	-12.9	20	
Bis(2-chloroisopropyl)ether	A	30.0	30.1	1.183058	1.186561	0.01	0.3	20	
Bis(2-ethylhexyl)phthalate	A	30.0	38.3	0.8767199	1.119562		27.7	20	*
Caprolactam	A	30.0	30.7	0.1416889	0.1448158	0.01	2.2	20	
Carbazole	A	30.0	33.2	1.010999	1.117088	0.01	10.5	20	
Chrysene	A	30.0	28.6	1.295428	1.235883	0.7	-4.6	20	
Dibenzo(a,h)anthracene	A	30.0	33.8	1.048738	1.182889	0.4	12.8	20	
Dibenzofuran	A	30.0	28.4	1.753503	1.662977	0.8	-5.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#6	Calibration:	SL40038
Lab File ID:	SV65289.D	Calibration Date:	12/13/24 00:14
Sequence:	S5A1525	Injection Date:	01/15/25
Lab Sample ID:	S5A1525-CCV1	Injection Time:	10:15

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	32.0	1.469231	1.567301	0.01	6.7	20	
Dimethyl phthalate	A	30.0	28.9	1.505929	1.451942	0.01	-3.6	20	
Di-n-butyl phthalate	A	30.0	38.1	1.232148	1.563873	0.01	26.9	20	*
Di-n-octyl phthalate	A	30.0	40.6	1.502514	2.034592	0.01	35.4	20	*
Diphenylamine	A	30.0	33.9	0.5209964	0.5883049		12.9	20	
Fluoranthene	A	30.0	29.0	1.370998	1.32279	0.6	-3.5	20	
Fluorene	A	30.0	28.2	1.470284	1.382138	0.9	-6.0	20	
Hexachlorobenzene	A	30.0	40.4	8.201292E-02	0.1104158	0.1	34.6	20	*
Hexachlorobutadiene	A	30.0	20.2	0.3388328	0.2283849	0.01	-32.6	20	*
Hexachlorocyclopentadiene	A	30.0	24.4	0.5635235	0.4583884	0.05	-18.7	20	
Hexachloroethane	A	30.0	33.1	0.7646041	0.8426512	0.3	10.2	20	
Indeno(1,2,3-cd)pyrene	A	30.0	39.0	1.078943	1.404119	0.5	30.1	20	*
Isophorone	A	30.0	23.6	1.066636	0.8403572	0.4	-21.2	20	*
Naphthalene	A	30.0	30.2	1.001592	1.009172	0.7	0.8	20	
Nitrobenzene	A	30.0	22.2	0.590846	0.4372057	0.2	-26.0	20	*
N-Nitrosodimethylamine	A	30.0	28.4	0.9327189	0.8818075		-5.5	20	
N-nitroso-di-n-propylamine	A	30.0	25.3	1.370437	1.156106	0.5	-15.6	20	
N-Nitrosodiphenylamine	A	30.0	33.2	0.1819793	0.2014241	0.01	10.7	20	
Parathion	A	30.0	36.3	0.2150704	0.2602531		21.0	20	*
Pentachloronitrobenzene	A	30.0	32.1	0.1302972	0.1392833		6.9	20	
Pentachlorophenol	A	30.0	20.1	0.1757606	0.1178223	0.05	-33.0	20	*
Phenanthrene	A	30.0	30.4	1.08886	1.102524	0.7	1.3	20	
Phenol	A	30.0	28.6	2.185811	2.080882	0.8	-4.8	20	
Pyrene	A	30.0	29.7	1.320857	1.308568	0.6	-0.9	20	
Pyridine	A	30.0	28.2	1.437838	1.352995		-5.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#2	Calibration:	SI40026
Lab File ID:	E20023514.D	Calibration Date:	09/17/24 00:45
Sequence:	S5A1530	Injection Date:	01/15/25
Lab Sample ID:	S5A1530-CCV1	Injection Time:	08:50

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Chlorophenyl phenyl ether	A	30.0	33.2	0.660239	0.7299107	0.4	10.6	20
4-Nitroaniline	A	30.0	33.3	0.3263746	0.3621488	0.01	11.0	20
4-Nitrophenol	A	30.0	20.6	0.2152839	0.1476702	0.01	-31.4	20 *
Acenaphthene	A	30.0	32.2	1.040554	1.115038	0.9	7.2	20
Acenaphthylene	A	30.0	32.3	1.620098	1.746264	0.9	7.8	20
Acetophenone	A	30.0	24.4	1.978238	1.612026	0.01	-18.5	20
Alpha Terpineol	A	30.0	23.6	0.160847	0.1266155		-21.3	20 *
Aniline	A	30.0	20.3	1.648105	1.116539		-32.3	20 *
Anthracene	A	30.0	33.8	1.019669	1.149138	0.7	12.7	20
Atrazine	A	30.0	31.2	0.2253997	0.2343572	0.01	4.0	20
Benzaldehyde	A	30.0	24.4	1.005822	0.8174298	0.01	-18.7	20
Benzidine	A	30.0	27.2	0.6177528	0.5594936		-9.4	20
Benzo(a)anthracene	A	30.0	31.4	1.192922	1.249366	0.8	4.7	20
Benzo(a)pyrene	A	30.0	26.5	1.130742	0.999486	0.7	-11.6	20
Benzo(b)fluoranthene	A	30.0	25.2	1.18772	0.9956229	0.7	-16.2	20
Benzo(g,h,i)perylene	A	30.0	28.7	0.9806243	0.9368835	0.5	-4.5	20
Benzo(k)fluoranthene	A	30.0	29.1	1.197453	1.161047	0.7	-3.0	20
Benzoic acid	A	30.0	6.02	0.144197	2.893177E-02		-79.9	20 *
Benzyl alcohol	A	30.0	25.2	0.871904	0.7311435		-16.1	20
Benzyl butyl phthalate	A	30.0	32.7	0.4832957	0.5269474		9.0	20
Bis(2-chloroethoxy)methane	A	30.0	26.3	0.3032057	0.2661905	0.3 *	-12.2	20
Bis(2-chloroethyl)ether	A	30.0	27.3	1.013472	0.9225244	0.7	-9.0	20
Bis(2-chloroisopropyl)ether	A	30.0	18.2	0.7241856	0.4391364	0.01	-39.4	20 *
Bis(2-ethylhexyl)phthalate	A	30.0	30.8	0.6262666	0.6419334		2.5	20
Caprolactam	A	30.0	27.6	0.1225331	0.1127891	0.01	-8.0	20
Carbazole	A	30.0	32.7	0.9695505	1.056802	0.01	9.0	20
Chrysene	A	30.0	33.1	1.081493	1.193402	0.7	10.3	20
Dibenzo(a,h)anthracene	A	30.0	32.2	1.040452	1.115673	0.4	7.2	20
Dibenzofuran	A	30.0	32.4	1.568527	1.695411	0.8	8.1	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA#2	Calibration:	SI40026
Lab File ID:	E20023514.D	Calibration Date:	09/17/24 00:45
Sequence:	S5A1530	Injection Date:	01/15/25
Lab Sample ID:	S5A1530-CCV1	Injection Time:	08:50

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Diethyl phthalate	A	30.0	31.9	1.271325	1.352543	0.01	6.4	20
Dimethyl phthalate	A	30.0	31.9	1.270829	1.350625	0.01	6.3	20
Di-n-butyl phthalate	A	30.0	31.3	1.125569	1.174188	0.01	4.3	20
Di-n-octyl phthalate	A	30.0	26.6	1.130335	1.001483	0.01	-11.4	20
Diphenylamine	A	30.0	32.5	0.5340901	0.578201		8.3	20
Fluoranthene	A	30.0	31.0	1.283493	1.326236	0.6	3.3	20
Fluorene	A	30.0	33.0	1.314296	1.447414	0.9	10.1	20
Hexachlorobenzene	A	30.0	30.2	8.094469E-02	0.0813396	0.1 *	0.5	20
Hexachlorobutadiene	A	30.0	35.1	0.1574155	0.1841872	0.01	17.0	20
Hexachlorocyclopentadiene	A	30.0	15.1	0.2522629	0.1270846	0.05	-49.6	20 *
Hexachloroethane	A	30.0	32.2	0.4856431	0.5206866	0.3	7.2	20
Indeno(1,2,3-cd)pyrene	A	30.0	30.6	1.289835	1.317858	0.5	2.2	20
Isophorone	A	30.0	24.9	0.5678768	0.4721744	0.4	-16.9	20
Naphthalene	A	30.0	29.3	0.929093	0.9071035	0.7	-2.4	20
Nitrobenzene	A	30.0	26.0	0.3002218	0.2600576	0.2	-13.4	20
N-Nitrosodimethylamine	A	30.0	16.8	0.5759371	0.3233593		-43.9	20 *
N-nitroso-di-n-propylamine	A	30.0	22.7	1.008995	0.7621043	0.5	-24.5	20 *
N-Nitrosodiphenylamine	A	30.0	31.7	0.1979302	0.2093268	0.01	5.8	20
Parathion	A	30.0	32.3	0.1114871	0.1201895		7.8	20
Pentachloronitrobenzene	A	30.0	34.1	8.107119E-02	9.226232E-02		13.8	20
Pentachlorophenol	A	30.0	21.1	0.1248594	8.770008E-02	0.05	-29.8	20 *
Phenanthrene	A	30.0	31.5	1.034459	1.087509	0.7	5.1	20
Phenol	A	30.0	27.9	1.407437	1.309559	0.8	-7.0	20
Pyrene	A	30.0	34.6	1.123507	1.296343	0.6	15.4	20
Pyridine	A	30.0	18.8	0.8944954	0.5613701		-37.2	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324880.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1605	Injection Date:	01/15/25
Lab Sample ID:	S5A1605-CCV1	Injection Time:	15:22

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1-Biphenyl	A	30.0	31.2	0.5636684	0.5852167	0.01	3.8	20
1,2,4,5-Tetrachlorobenzene	A	30.0	30.5	0.3528569	0.3583601	0.01	1.6	20
1,2,4-Trichlorobenzene	A	30.0	30.6	0.2180511	0.2227134		2.1	20
1,2-Dichlorobenzene	A	30.0	31.2	1.407891	1.464855		4.0	20
1,2-Diphenylhydrazine (as Azobenzene)	A	30.0	30.8	0.9202075	0.9454513		2.7	20
1,3-Dichlorobenzene	A	30.0	32.0	1.415826	1.510721		6.7	20
1,4-Dichlorobenzene	A	30.0	31.2	1.473697	1.53108		3.9	20
1-Methylnaphthalene	A	30.0	30.9	0.5407672	0.5577629		3.1	20
2,3,4,6-Tetrachlorophenol	A	30.0	40.6	9.508644E-02	0.1286599	0.01	35.3	20 *
2,4,5-Trichlorophenol	A	30.0	36.1	0.258419	0.310724	0.2	20.2	20 *
2,4,6-Trichlorophenol	A	30.0	35.6	0.2386556	0.2835919	0.2	18.8	20
2,4-Dichlorophenol	A	30.0	33.4	0.2031536	0.2259751	0.2	11.2	20
2,4-Dimethylphenol	A	30.0	32.6	0.2496062	0.2708611	0.2	8.5	20
2,4-Dinitrophenol	A	30.0	56.8	6.420455E-02	0.1215051	0.01	89.2	20 *
2,4-Dinitrotoluene	A	30.0	36.7	0.3097274	0.3792576	0.2	22.4	20 *
2,6-Dinitrotoluene	A	30.0	35.0	0.2309661	0.2695379	0.2	16.7	20
2-Chloronaphthalene	A	30.0	31.0	1.021858	1.056465	0.8	3.4	20
2-Chlorophenol	A	30.0	33.6	1.317031	1.476656	0.8	12.1	20
2-Methylnaphthalene	A	30.0	31.3	0.6082	0.6347074	0.4	4.4	20
2-Methylphenol	A	30.0	32.4	1.109819	1.19879	0.7	8.0	20
2-Nitroaniline	A	30.0	35.9	0.3413455	0.4087663	0.01	19.8	20
2-Nitrophenol	A	30.0	37.2	0.1269698	0.1575279	0.1	24.1	20 *
3- & 4-Methylphenols	A	30.0	33.3	1.672428	1.85436	0.6	10.9	20
3,3-Dichlorobenzidine	A	30.0	37.2	0.4342148	0.5377975	0.01	23.9	20 *
3-Nitroaniline	A	30.0	35.9	0.301429	0.3607574	0.01	19.7	20
4,6-Dinitro-2-methylphenol	A	30.0	51.7	6.466289E-02	0.1115037	0.01	72.4	20 *
4-Bromophenyl phenyl ether	A	30.0	31.0	0.1787162	0.184901	0.1	3.5	20
4-Chloro-3-methylphenol	A	30.0	33.6	0.2463904	0.2755459	0.2	11.8	20
4-Chloroaniline	A	30.0	31.6	0.3890625	0.4094075	0.01	5.2	20

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324880.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1605	Injection Date:	01/15/25
Lab Sample ID:	S5A1605-CCV1	Injection Time:	15:22

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4-Chlorophenyl phenyl ether	A	30.0	31.8	0.4681951	0.4956563	0.4	5.9	20	
4-Nitroaniline	A	30.0	37.1	0.3169376	0.3918691	0.01	23.6	20	*
4-Nitrophenol	A	30.0	41.4	0.2065287	0.2851263	0.01	38.1	20	*
Acenaphthene	A	30.0	30.8	1.122579	1.151474	0.9	2.6	20	
Acenaphthylene	A	30.0	32.2	1.692716	1.814581	0.9	7.2	20	
Acetophenone	A	30.0	31.3	1.989401	2.07611	0.01	4.4	20	
Alpha Terpineol	A	30.0	30.2	0.2306757	0.2324405		0.8	20	
Aniline	A	30.0	33.7	1.870734	2.103042		12.4	20	
Anthracene	A	30.0	31.6	1.09762	1.156434	0.7	5.4	20	
Atrazine	A	30.0	32.0	0.1759347	0.1874776	0.01	6.6	20	
Benzaldehyde	A	30.0	30.6	0.9704121	0.9902118	0.01	2.0	20	
Benzidine	A	30.0	45.1	0.4289636	0.6452995		50.4	20	*
Benzo(a)anthracene	A	30.0	33.0	1.105801	1.215057	0.8	9.9	20	
Benzo(a)pyrene	A	30.0	34.5	1.223535	1.406106	0.7	14.9	20	
Benzo(b)fluoranthene	A	30.0	34.6	1.223895	1.41129	0.7	15.3	20	
Benzo(g,h,i)perylene	A	30.0	33.3	1.005498	1.11691	0.5	11.1	20	
Benzo(k)fluoranthene	A	30.0	33.1	1.306436	1.441037	0.7	10.3	20	
Benzoic acid	A	30.0	42.6	0.1466198	0.2080922		41.9	20	*
Benzyl alcohol	A	30.0	32.5	0.9471812	1.026327		8.4	20	
Benzyl butyl phthalate	A	30.0	33.1	0.6526302	0.7198085		10.3	20	
Bis(2-chloroethoxy)methane	A	30.0	31.0	0.3612269	0.3731232	0.3	3.3	20	
Bis(2-chloroethyl)ether	A	30.0	32.8	1.354626	1.479476	0.7	9.2	20	
Bis(2-chloroisopropyl)ether	A	30.0	30.6	1.702433	1.733692	0.01	1.8	20	
Bis(2-ethylhexyl)phthalate	A	30.0	33.4	0.9543974	1.064135		11.5	20	
Caprolactam	A	30.0	31.4	9.763401E-02	0.1022785	0.01	4.8	20	
Carbazole	A	30.0	32.2	1.092541	1.170979	0.01	7.2	20	
Chrysene	A	30.0	32.4	1.155958	1.25021	0.7	8.2	20	
Dibenzo(a,h)anthracene	A	30.0	33.9	1.083499	1.225975	0.4	13.1	20	
Dibenzofuran	A	30.0	31.9	1.483019	1.574815	0.8	6.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270E

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	MSBNA9	Calibration:	SA50022
Lab File ID:	E900324880.D	Calibration Date:	01/09/25 00:09
Sequence:	S5A1605	Injection Date:	01/15/25
Lab Sample ID:	S5A1605-CCV1	Injection Time:	15:22

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Diethyl phthalate	A	30.0	33.5	1.220568	1.361534	0.01	11.5	20	
Dimethyl phthalate	A	30.0	32.7	1.150894	1.254032	0.01	9.0	20	
Di-n-butyl phthalate	A	30.0	32.8	1.299668	1.421786	0.01	9.4	20	
Di-n-octyl phthalate	A	30.0	34.9	1.642869	1.912994	0.01	16.4	20	
Diphenylamine	A	30.0	30.4	0.6599637	0.6691281		1.4	20	
Fluoranthene	A	30.0	33.0	1.015022	1.117692	0.6	10.1	20	
Fluorene	A	30.0	32.2	1.256116	1.3495	0.9	7.4	20	
Hexachlorobenzene	A	30.0	30.3	8.859345E-02	8.944545E-02	0.1	1.0	20	
Hexachlorobutadiene	A	30.0	30.3	9.765402E-02	9.872591E-02	0.01	1.1	20	
Hexachlorocyclopentadiene	A	30.0	34.3	0.2081762	0.2377823	0.05	14.2	20	
Hexachloroethane	A	30.0	31.6	0.5633742	0.5939643	0.3	5.4	20	
Indeno(1,2,3-cd)pyrene	A	30.0	35.3	1.012589	1.191978	0.5	17.7	20	
Isophorone	A	30.0	31.5	0.6006721	0.6298655	0.4	4.9	20	
Naphthalene	A	30.0	30.2	0.9440583	0.9513526	0.7	0.8	20	
Nitrobenzene	A	30.0	31.5	0.3010038	0.3158856	0.2	4.9	20	
N-Nitrosodimethylamine	A	30.0	33.5	0.750829	0.8383459		11.7	20	
N-nitroso-di-n-propylamine	A	30.0	30.8	1.16671	1.198711	0.5	2.7	20	
N-Nitrosodiphenylamine	A	30.0	30.5	0.224054	0.2279099	0.01	1.7	20	
Parathion	A	30.0	39.2	0.1133261	0.1481076		30.7	20	*
Pentachloronitrobenzene	A	30.0	34.1	5.945581E-02	6.756307E-02		13.6	20	
Pentachlorophenol	A	30.0	50.7	7.818986E-02	0.1320823	0.05	68.9	20	*
Phenanthrene	A	30.0	31.0	1.090223	1.128323	0.7	3.5	20	
Phenol	A	30.0	33.2	1.630135	1.803953	0.8	10.7	20	
Pyrene	A	30.0	31.3	1.195195	1.246196	0.6	4.3	20	
Pyridine	A	30.0	41.2	0.9433678	1.294711		37.2	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50763	Laboratory ID:	BA50763-BS2
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Acenaphthene	1.00	0.630	63.0	25 - 116
Acenaphthylene	1.00	0.720	72.0	26 - 116
Anthracene	1.00	0.610	61.0	25 - 123
Benzo(a)anthracene	1.00	0.630	63.0	33 - 125
Benzo(a)pyrene	1.00	0.630	63.0	32 - 132
Benzo(b)fluoranthene	1.00	0.640	64.0	22 - 137
Benzo(g,h,i)perylene	1.00	0.870	87.0	10 - 138
Benzo(k)fluoranthene	1.00	0.790	79.0	20 - 137
Bis(2-ethylhexyl)phthalate	1.00	0.920	92.0	10 - 189
Chrysene	1.00	0.610	61.0	32 - 124
Dibenzo(a,h)anthracene	1.00	0.720	72.0	16 - 133
Fluoranthene	1.00	0.760	76.0	32 - 121
Fluorene	1.00	0.660	66.0	28 - 118
Hexachlorobenzene	1.00	0.710	71.0	23 - 124
Hexachlorobutadiene	1.00	0.600	60.0	15 - 123
Hexachloroethane	1.00	ND	*	18 - 115
Indeno(1,2,3-cd)pyrene	1.00	0.720	72.0	15 - 135
Naphthalene	1.00	0.660	66.0	18 - 120
Nitrobenzene	1.00	0.380	38.0	21 - 121
N-Nitrosodimethylamine	1.00	ND	*	10 - 124
Pentachlorophenol	1.00	0.290	29.0	10 - 156
Phenanthrene	1.00	0.630	63.0	24 - 127
Pyrene	1.00	0.630	63.0	31 - 132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SK40012
Instrument: BNA #5
Calibration Date: 11/05/24 13:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	0.9887342	11.14399	12.13	8.457341E-03			20	
Acenaphthylene	1.420108	12.55821	11.87	8.64259E-03			20	
Anthracene	0.9563122	14.41276	14.26125	2.919802E-02			20	
Atrazine	0.2203248	11.00646	13.8	1.315044E-02			20	
Benzo(a)anthracene	1.17899	20.45919	17.95	2.125861E-02			20	*
Benzo(a)pyrene	0.9134129	18.49378	19.8325	1.568902E-02			20	
Benzo(b)fluoranthene	1.045785	19.83221	19.4125	0.0310444			20	
Benzo(g,h,i)perylene	0.9350796	17.76854	21.83125	2.668692E-02			20	
Benzo(k)fluoranthene	1.036137	21.0152	19.44125	2.608375E-02			20	*
Bis(2-ethylhexyl)phthalate	0.6528774	12.55777	18	0			20	
Chrysene	1.223503	13.3512	18.01125	2.031485E-02			20	
Dibenzo(a,h)anthracene	1.143599	25.21709	21.40875	3.052435E-02			20	*
Fluoranthene	1.171339	16.96577	15.9125	2.921035E-02			20	
Fluorene	1.250367	11.57366	12.84	1.519908E-02			20	
Hexachlorobenzene	0.1970916	19.42677	13.74	1.561568E-02			20	
Hexachlorobutadiene	0.2736976	7.998997	9.92	1.128517E-02			20	
Hexachloroethane	0.3389355	10.33828	8.681429	4.582514E-02			20	
Indeno(1,2,3-cd)pyrene	1.345565	24.63384	21.40625	3.607127E-02			20	*
Naphthalene	0.9891459	10.66957	9.7	2.152554E-03			20	
Nitrobenzene	0.8344922	11.92205	8.807143	5.176218E-02			20	
N-Nitrosodimethylamine	0.3672895	15.00729	4.99	1.963032E-02			20	
Pentachlorophenol	7.325545E-02	11.28404	13.99	7.001807E-03			20	
Phenanthrene	1.027868	14.55285	14.2	1.650528E-02			20	
Pyrene	1.184109	15.18974	16.24	2.393477E-02			20	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SK40012
Laboratory ID: S4K0820-SCV1
Sequence: S4K0820
Standard ID: S24G281

ANALYTE	EXPECTED (ug/mL)	FOUND (ug/mL)	% DIFF	QC LIMIT
Acenaphthene	1.00	1.13	13.0	30.00
Acenaphthylene	1.00	1.16	16.0	30.00
Anthracene	1.00	1.23	23.0	30.00
Benzo(a)anthracene	1.00	1.06	6.0	30.00
Benzo(a)pyrene	1.00	1.12	12.0	30.00
Benzo(b)fluoranthene	1.00	1.01	1.0	30.00
Benzo(g,h,i)perylene	1.00	1.15	15.0	30.00
Benzo(k)fluoranthene	1.00	1.01	1.0	30.00
Bis(2-ethylhexyl)phthalate	1.00	1.29	29.0	30.00
Chrysene	1.00	1.02	2.0	30.00
Dibenzo(a,h)anthracene	1.00	1.02	2.0	30.00
Fluoranthene	1.00	1.13	13.0	30.00
Fluorene	1.00	1.14	14.0	30.00
Hexachlorobenzene	1.00	1.17	17.0	30.00
Hexachlorobutadiene	1.00	1.04	4.0	30.00
Hexachloroethane	1.00	0.850	-15.0	30.00
Indeno(1,2,3-cd)pyrene	1.00	1.05	5.0	30.00
Naphthalene	1.00	1.10	10.0	30.00
Nitrobenzene	1.00	0.460	-54.0 *	30.00
N-Nitrosodimethylamine	1.00	0.820	-18.0	30.00
Pentachlorophenol	1.00	1.16	16.0	30.00
Phenanthrene	1.00	1.02	2.0	30.00
Pyrene	1.00	1.00	0.0	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8270D SIM

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	BNA #5	Calibration:	SK40012
Lab File ID:	SV501439.D	Calibration Date:	11/05/24 13:00
Sequence:	S5A1606	Injection Date:	01/15/25
Lab Sample ID:	S5A1606-CCV1	Injection Time:	08:54

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	1.00	0.960	0.9887342	0.9531748		-3.6	30	
Acenaphthylene	A	1.00	0.980	1.420108	1.388415		-2.2	30	
Anthracene	A	1.00	1.04	0.9563122	0.9938641		3.9	30	
Atrazine	A	2.50	2.90	0.2203248	0.2551689		15.8	30	
Benzo(a)anthracene	A	1.00	0.900	1.17899	1.060949		-10.0	30	
Benzo(a)pyrene	A	1.00	1.05	0.9134129	0.9545435		4.5	30	
Benzo(b)fluoranthene	A	1.00	0.860	1.045785	0.8949293		-14.4	30	
Benzo(g,h,i)perylene	A	1.00	1.11	0.9350796	1.034087		10.6	30	
Benzo(k)fluoranthene	A	1.00	1.11	1.036137	1.145872		10.6	30	
Bis(2-ethylhexyl)phthalate	A	2.50	3.15	0.6528774	0.8220966		25.9	30	
Chrysene	A	1.00	0.720	1.223503	0.885771		-27.6	30	
Dibenzo(a,h)anthracene	A	1.00	0.910	1.143599	1.037596		-9.3	30	
Fluoranthene	A	1.00	1.01	1.171339	1.183764		1.1	30	
Fluorene	A	1.00	0.950	1.250367	1.188846		-4.9	30	
Hexachlorobenzene	A	0.100	0.100	0.1970916	0.1902827		-3.5	30	
Hexachlorobutadiene	A	2.50	2.59	0.2736976	0.2833113		3.5	30	
Hexachloroethane	A	2.50	2.32	0.3389355	0.3147244		-7.1	30	
Indeno(1,2,3-cd)pyrene	A	1.00	0.970	1.345565	1.308106		-2.8	30	
Naphthalene	A	1.00	0.990	0.9891459	0.984014		-0.5	30	
Nitrobenzene	A	2.50	1.02	0.8344922	0.6787316		-18.7	30	
N-Nitrosodimethylamine	A	2.50	1.68	0.3672895	0.2470285		-32.7	30	*
Pentachlorophenol	A	1.50	0.220	7.325545E-02	0.0106721		-85.4	30	*
Phenanthrene	A	1.00	0.830	1.027868	0.8529305		-17.0	30	
Pyrene	A	1.00	0.840	1.184109	0.997453		-15.8	30	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 8270D SIM

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1618
Instrument: MSBNA8
Calibration: SA50021

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (S5A1618-CCV1)				Lab File ID: E800081481.D		Analyzed: 01/16/25 12:08		
1,4-Dioxane-d8	0.500	106	80 - 120	5.205	5.19825	0.0068	+/-1.00	
SB006 (0-2 IN) (25A0590-01)				Lab File ID: E800081490.D		Analyzed: 01/16/25 14:48		
1,4-Dioxane-d8	467	196	39 - 127.5	5.187	5.19825	-0.0112	+/-1.00	*
SB006 (2 IN -24 IN) (25A0590-02)				Lab File ID: E800081492.D		Analyzed: 01/16/25 15:22		
1,4-Dioxane-d8	467	114	39 - 127.5	5.193	5.19825	-0.0053	+/-1.00	
SB006 (6- 8 FT) (25A0590-03)				Lab File ID: E800081493.D		Analyzed: 01/16/25 15:40		
1,4-Dioxane-d8	467	88.0	39 - 127.5	5.193	5.19825	-0.0053	+/-1.00	
Calibration Check (S5A1618-CCV3)				Lab File ID: E800081498.D		Analyzed: 01/16/25 17:08		
1,4-Dioxane-d8	0.500	116	80 - 120	5.196	5.19825	-0.0023	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50704-BLK1)			Lab File ID: QQQ49018.d		Analyzed: 01/15/25 18:28			
M3PFBS	23.3	130	25 - 150	5.371716	5.341737	0.0300	+/-1.00	
M5PFHxA	25.0	115	25 - 150	6.167517	6.176775	-0.0093	+/-1.00	
M4PFHpA	25.0	122	25 - 150	7.002867	6.964667	0.0382	+/-1.00	
M3PFHxS	23.7	125	25 - 150	7.103617	7.059694	0.0439	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	114	25 - 150	7.6897	7.608802	0.0809	+/-1.00	
M6PFDA	12.5	93.6	25 - 150	8.800533	8.72274	0.0778	+/-1.00	
M7PFUdA	12.5	113	25 - 150	9.2269	9.194471	0.0324	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	101	25 - 150	9.596216	9.613558	-0.0173	+/-1.00	
M2PFTeDA	12.5	70.4	10 - 150	10.20265	10.30281	-0.1002	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	3.05	25 - 150	1.314967	1.212835	0.1021	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	111	25 - 150	8.31915	8.230688	0.0885	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	77.3	25 - 150	4.643633	4.464844	0.1788	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	105	10 - 150	9.360983	9.329721	0.0313	+/-1.00	
d3-N-MeFOSAA	50.0	98.9	25 - 150	8.99465	8.937294	0.0574	+/-1.00	
d5-N-EtFOSAA	50.0	110	25 - 150	9.21665	9.17374	0.0429	+/-1.00	
M2-6:2 FTS	47.6	33.0	25 - 200	7.631883	7.551135	0.0807	+/-1.00	
M2-8:2 FTS	48.0	46.8	25 - 200	8.762484	8.687194	0.0753	+/-1.00	
M9PFNA	12.5	116	25 - 150	8.283967	8.190992	0.0930	+/-1.00	
M2-4:2 FTS	46.9	32.6	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	25.0	55.9	25 - 150	10.1091	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	25.0	58.2	25 - 150	10.35565	10.49709	-0.1414	+/-1.00	
M3HFPO-DA	100	50.9	25 - 150	6.457533	6.456387	0.0011	+/-1.00	
d9-N-EtFOSE	250	123	25 - 150	10.32545	10.459	-0.1336	+/-1.00	
d7-N-MeFOSE	250	129	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50704-BLK2)			Lab File ID: QQQ49019.d		Analyzed: 01/15/25 18:44			
M3PFBS	22.3	117	25 - 150	5.38095	5.341737	0.0392	+/-1.00	
M5PFHxA	23.9	113	25 - 150	6.167517	6.176775	-0.0093	+/-1.00	
M4PFHpA	23.9	118	25 - 150	7.00285	6.964667	0.0382	+/-1.00	
M3PFHxS	22.7	125	25 - 150	7.1036	7.059694	0.0439	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.9	114	25 - 150	7.6897	7.608802	0.0809	+/-1.00	
M6PFDA	12.0	115	25 - 150	8.79125	8.72274	0.0685	+/-1.00	
M7PFUdA	12.0	115	25 - 150	9.2269	9.194471	0.0324	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.0	103	25 - 150	9.5962	9.613558	-0.0174	+/-1.00	
M2PFTeDA	12.0	80.8	10 - 150	10.20263	10.30281	-0.1002	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.7	6.00	25 - 150	1.2966	1.212835	0.0838	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.9	118	25 - 150	8.31915	8.230688	0.0885	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.9	105	25 - 150	4.643633	4.464844	0.1788	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.9	105	10 - 150	9.351733	9.329721	0.0220	+/-1.00	
d3-N-MeFOSAA	47.9	100	25 - 150	8.994634	8.937294	0.0573	+/-1.00	
d5-N-EtFOSAA	47.9	113	25 - 150	9.207367	9.17374	0.0336	+/-1.00	
M2-6:2 FTS	45.5	35.3	25 - 200	7.621917	7.551135	0.0708	+/-1.00	
M2-8:2 FTS	46.0	41.4	25 - 200	8.762466	8.687194	0.0753	+/-1.00	
M9PFNA	12.0	117	25 - 150	8.283967	8.190992	0.0930	+/-1.00	
M2-4:2 FTS	44.9	29.4	25 - 150	6.101133	6.10806	-0.0069	+/-1.00	
d-N-MeFOSA	23.9	53.1	25 - 150	10.10908	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	23.9	42.9	25 - 150	10.34643	10.49709	-0.1507	+/-1.00	
M3HFPO-DA	95.7	49.0	25 - 150	6.448283	6.456387	-0.0081	+/-1.00	
d9-N-EtFOSE	239	128	25 - 150	10.31623	10.459	-0.1428	+/-1.00	
d7-N-MeFOSE	239	144	25 - 150	10.08627	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50704-BS1)			Lab File ID: QQQ49020.d		Analyzed: 01/15/25 19:00			
M3PFBS	23.3	128	25 - 150	5.371716	5.341737	0.0300	+/-1.00	
M5PFHxA	25.0	111	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	25.0	124	25 - 150	7.00285	6.964667	0.0382	+/-1.00	
M3PFHxS	23.7	145	25 - 150	7.103617	7.059694	0.0439	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	118	25 - 150	7.6897	7.608802	0.0809	+/-1.00	
M6PFDA	12.5	113	25 - 150	8.791266	8.72274	0.0685	+/-1.00	
M7PFUdA	12.5	123	25 - 150	9.2269	9.194471	0.0324	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	108	25 - 150	9.596216	9.613558	-0.0173	+/-1.00	
M2PFTeDA	12.5	84.5	10 - 150	10.20265	10.30281	-0.1002	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	2.23	25 - 150	1.305783	1.212835	0.0929	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	113	25 - 150	8.319167	8.230688	0.0885	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	62.2	25 - 150	4.643633	4.464844	0.1788	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	104	10 - 150	9.351733	9.329721	0.0220	+/-1.00	
d3-N-MeFOSAA	50.0	101	25 - 150	8.99465	8.937294	0.0574	+/-1.00	
d5-N-EtFOSAA	50.0	117	25 - 150	9.21665	9.17374	0.0429	+/-1.00	
M2-6:2 FTS	47.6	43.9	25 - 200	7.631866	7.551135	0.0807	+/-1.00	
M2-8:2 FTS	48.0	60.9	25 - 200	8.762484	8.687194	0.0753	+/-1.00	
M9PFNA	12.5	101	25 - 150	8.283983	8.190992	0.0930	+/-1.00	
M2-4:2 FTS	46.9	38.9	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	25.0	57.8	25 - 150	10.1091	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	25.0	61.0	25 - 150	10.35565	10.49709	-0.1414	+/-1.00	
M3HFPO-DA	100	47.1	25 - 150	6.448283	6.456387	-0.0081	+/-1.00	
d9-N-EtFOSE	250	127	25 - 150	10.31625	10.459	-0.1427	+/-1.00	
d7-N-MeFOSE	250	138	25 - 150	10.08628	10.18604	-0.0998	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1460	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50704-BS2)			Lab File ID: QQQ49021.d		Analyzed: 01/15/25 19:16			
M3PFBS	23.3	114	25 - 150	5.38095	5.341737	0.0392	+/-1.00	
M5PFHxA	25.0	112	25 - 150	6.176784	6.176775	0.0000	+/-1.00	
M4PFHpA	25.0	117	25 - 150	7.002883	6.964667	0.0382	+/-1.00	
M3PFHxS	23.7	120	25 - 150	7.112884	7.059694	0.0532	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	124	25 - 150	7.698983	7.608802	0.0902	+/-1.00	
M6PFDA	12.5	105	25 - 150	8.80985	8.72274	0.0871	+/-1.00	
M7PFUdA	12.5	112	25 - 150	9.2362	9.194471	0.0417	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	116	25 - 150	9.605483	9.613558	-0.0081	+/-1.00	
M2PFTeDA	12.5	71.3	10 - 150	10.20268	10.30281	-0.1001	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	3.29	25 - 150	1.305783	1.212835	0.0929	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	109	25 - 150	8.32845	8.230688	0.0978	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	90.8	25 - 150	4.652833	4.464844	0.1880	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	101	10 - 150	9.361016	9.329721	0.0313	+/-1.00	
d3-N-MeFOSAA	50.0	93.0	25 - 150	9.003933	8.937294	0.0666	+/-1.00	
d5-N-EtFOSAA	50.0	103	25 - 150	9.225933	9.17374	0.0522	+/-1.00	
M2-6:2 FTS	47.6	30.3	25 - 200	7.6319	7.551135	0.0808	+/-1.00	
M2-8:2 FTS	48.0	44.1	25 - 200	8.771783	8.687194	0.0846	+/-1.00	
M9PFNA	12.5	127	25 - 150	8.3118	8.190992	0.1208	+/-1.00	
M2-4:2 FTS	46.9	28.5	25 - 150	6.110384	6.10806	0.0023	+/-1.00	
d-N-MeFOSA	25.0	52.0	25 - 150	10.11835	10.21148	-0.0931	+/-1.00	
d-N-EtFOSA	25.0	54.4	25 - 150	10.35568	10.49709	-0.1414	+/-1.00	
M3HFPO-DA	100	49.6	25 - 150	6.466817	6.456387	0.0104	+/-1.00	
d9-N-EtFOSE	250	117	25 - 150	10.32548	10.459	-0.1335	+/-1.00	
d7-N-MeFOSE	250	127	25 - 150	10.08632	10.18604	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW001 (25A0590-08)			Lab File ID: QQQ49042.d		Analyzed: 01/16/25 08:14			
M3PFBS	22.1	132	25 - 150	5.371716	5.341737	0.0300	+/-1.00	
M5PFHxA	23.7	107	25 - 150	6.148517	6.176775	-0.0283	+/-1.00	
M4PFHpA	23.7	111	25 - 150	6.947317	6.964667	-0.0174	+/-1.00	
M3PFHxS	22.5	131	25 - 150	7.057384	7.059694	-0.0023	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.7	113	25 - 150	7.632667	7.608802	0.0239	+/-1.00	
M6PFDA	11.9	113	25 - 150	8.754017	8.72274	0.0313	+/-1.00	
M7PFUdA	11.9	80.0	25 - 150	9.208366	9.194471	0.0139	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	74.6	25 - 150	9.605467	9.613558	-0.0081	+/-1.00	
M2PFTeDA	11.9	56.7	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.9	38.3	25 - 150	1.351683	1.212835	0.1388	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.7	110	25 - 150	8.2632	8.230688	0.0325	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.4	112	25 - 150	4.671216	4.464844	0.2064	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.7	107	10 - 150	9.323934	9.329721	-0.0058	+/-1.00	
d3-N-MeFOSAA	47.4	89.5	25 - 150	8.9576	8.937294	0.0203	+/-1.00	
d5-N-EtFOSAA	47.4	100	25 - 150	9.18885	9.17374	0.0151	+/-1.00	
M2-6:2 FTS	45.1	86.2	25 - 200	7.566216	7.551135	0.0151	+/-1.00	
M2-8:2 FTS	45.5	88.8	25 - 200	8.71615	8.687194	0.0290	+/-1.00	
M9PFNA	11.9	113	25 - 150	8.227917	8.190992	0.0369	+/-1.00	
M2-4:2 FTS	44.5	127	25 - 150	6.073417	6.10806	-0.0346	+/-1.00	
d-N-MeFOSA	23.7	59.3	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	23.7	49.3	25 - 150	10.38328	10.49709	-0.1138	+/-1.00	
M3HFPO-DA	94.9	107	25 - 150	6.4204	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	237	76.0	25 - 150	10.34388	10.459	-0.1151	+/-1.00	
d7-N-MeFOSE	237	82.6	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW003 (25A0590-10)			Lab File ID: QQQ49044.d		Analyzed: 01/16/25 08:47			
M3PFBS	22.1	127	25 - 150	5.3625	5.341737	0.0208	+/-1.00	
M5PFHxA	23.7	111	25 - 150	6.1393	6.176775	-0.0375	+/-1.00	
M4PFHpA	23.7	115	25 - 150	6.928233	6.964667	-0.0364	+/-1.00	
M3PFHxS	22.4	122	25 - 150	7.029667	7.059694	-0.0300	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.7	120	25 - 150	7.6041	7.608802	-0.0047	+/-1.00	
M6PFDA	11.8	134	25 - 150	8.726233	8.72274	0.0035	+/-1.00	
M7PFUdA	11.8	124	25 - 150	9.18985	9.194471	-0.0046	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.8	87.6	25 - 150	9.596233	9.613558	-0.0173	+/-1.00	
M2PFTeDA	11.8	66.5	10 - 150	10.25793	10.30281	-0.0449	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	94.7	39.4	25 - 150	1.3425	1.212835	0.1297	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.7	156	25 - 150	8.2354	8.230688	0.0047	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.3	115	25 - 150	4.652833	4.464844	0.1880	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.7	184	10 - 150	9.2961	9.329721	-0.0336	+/-1.00	*
d3-N-MeFOSAA	47.3	173	25 - 150	8.9383	8.937294	0.0010	+/-1.00	*
d5-N-EtFOSAA	47.3	196	25 - 150	9.170333	9.17374	-0.0034	+/-1.00	*
M2-6:2 FTS	45.0	98.0	25 - 200	7.5384	7.551135	-0.0127	+/-1.00	
M2-8:2 FTS	45.5	92.4	25 - 200	8.688367	8.687194	0.0012	+/-1.00	
M9PFNA	11.8	113	25 - 150	8.199017	8.190992	0.0080	+/-1.00	
M2-4:2 FTS	44.4	139	25 - 150	6.0642	6.10806	-0.0439	+/-1.00	
d-N-MeFOSA	23.7	132	25 - 150	10.12755	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	23.7	121	25 - 150	10.40172	10.49709	-0.0954	+/-1.00	
M3HFPO-DA	94.7	114	25 - 150	6.411167	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	237	143	25 - 150	10.3531	10.459	-0.1059	+/-1.00	
d7-N-MeFOSE	237	168	25 - 150	10.09553	10.18604	-0.0905	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW004 (25A0590-11)			Lab File ID: QQQ49045.d		Analyzed: 01/16/25 09:03			
M3PFBS	21.6	110	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	23.2	94.2	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	23.2	97.4	25 - 150	6.928216	6.964667	-0.0365	+/-1.00	
M3PFHxS	22.0	103	25 - 150	7.0204	7.059694	-0.0393	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.2	99.3	25 - 150	7.576217	7.608802	-0.0326	+/-1.00	
M6PFDA	11.6	106	25 - 150	8.698417	8.72274	-0.0243	+/-1.00	
M7PFUdA	11.6	96.4	25 - 150	9.152567	9.194471	-0.0419	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.6	84.8	25 - 150	9.559234	9.613558	-0.0543	+/-1.00	
M2PFTeDA	11.6	57.2	10 - 150	10.22108	10.30281	-0.0817	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.7	29.0	25 - 150	1.360867	1.212835	0.1480	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.2	136	25 - 150	8.207566	8.230688	-0.0231	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.3	97.2	25 - 150	4.6996	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.2	175	10 - 150	9.259017	9.329721	-0.0707	+/-1.00	*
d3-N-MeFOSAA	46.3	174	25 - 150	8.90115	8.937294	-0.0361	+/-1.00	*
d5-N-EtFOSAA	46.3	185	25 - 150	9.142317	9.17374	-0.0314	+/-1.00	*
M2-6:2 FTS	44.1	86.7	25 - 200	7.51945	7.551135	-0.0317	+/-1.00	
M2-8:2 FTS	44.5	75.9	25 - 200	8.660566	8.687194	-0.0266	+/-1.00	
M9PFNA	11.6	105	25 - 150	8.161834	8.190992	-0.0292	+/-1.00	
M2-4:2 FTS	43.5	153	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	*
d-N-MeFOSA	23.2	128	25 - 150	10.09067	10.21148	-0.1208	+/-1.00	
d-N-EtFOSA	23.2	124	25 - 150	10.36487	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	92.7	99.0	25 - 150	6.420417	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	232	152	25 - 150	10.32547	10.459	-0.1335	+/-1.00	*
d7-N-MeFOSE	232	158	25 - 150	10.06787	10.18604	-0.1182	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike (BA50704-MS1)			Lab File ID: QQQ49046.d		Analyzed: 01/16/25 09:19			
M3PFBS	21.4	119	25 - 150	5.3625	5.341737	0.0208	+/-1.00	
M5PFHxA	22.9	101	25 - 150	6.139283	6.176775	-0.0375	+/-1.00	
M4PFHpA	22.9	97.6	25 - 150	6.937467	6.964667	-0.0272	+/-1.00	
M3PFHxS	21.7	106	25 - 150	7.038883	7.059694	-0.0208	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	22.9	108	25 - 150	7.604067	7.608802	-0.0047	+/-1.00	
M6PFDA	11.5	108	25 - 150	8.726216	8.72274	0.0035	+/-1.00	
M7PFUdA	11.5	102	25 - 150	9.180567	9.194471	-0.0139	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.5	76.9	25 - 150	9.596216	9.613558	-0.0173	+/-1.00	
M2PFTeDA	11.5	67.7	10 - 150	10.2579	10.30281	-0.0449	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	91.7	55.1	25 - 150	1.333317	1.212835	0.1205	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.0	123	25 - 150	8.235383	8.230688	0.0047	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	45.9	111	25 - 150	4.652833	4.464844	0.1880	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	22.9	181	10 - 150	9.296083	9.329721	-0.0336	+/-1.00	*
d3-N-MeFOSAA	45.9	176	25 - 150	8.938267	8.937294	0.0010	+/-1.00	*
d5-N-EtFOSAA	45.9	175	25 - 150	9.170317	9.17374	-0.0034	+/-1.00	*
M2-6:2 FTS	43.6	110	25 - 200	7.54765	7.551135	-0.0035	+/-1.00	
M2-8:2 FTS	44.0	87.2	25 - 200	8.679083	8.687194	-0.0081	+/-1.00	
M9PFNA	11.5	110	25 - 150	8.1897	8.190992	-0.0013	+/-1.00	
M2-4:2 FTS	43.0	167	25 - 150	6.064183	6.10806	-0.0439	+/-1.00	*
d-N-MeFOSA	22.9	115	25 - 150	10.12753	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	22.9	97.5	25 - 150	10.4017	10.49709	-0.0954	+/-1.00	
M3HFPO-DA	91.7	104	25 - 150	6.420417	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	229	150	25 - 150	10.3623	10.459	-0.0967	+/-1.00	
d7-N-MeFOSE	229	149	25 - 150	10.10473	10.18604	-0.0813	+/-1.00	

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EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (BA50704-MSD1)			Lab File ID: QQQ49047.d		Analyzed: 01/16/25 09:35			
M3PFBS	21.3	131	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	22.9	121	25 - 150	6.139266	6.176775	-0.0375	+/-1.00	
M4PFHpA	22.9	115	25 - 150	6.9097	6.964667	-0.0550	+/-1.00	
M3PFHxS	21.7	117	25 - 150	7.00145	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	22.9	102	25 - 150	7.548367	7.608802	-0.0604	+/-1.00	
M6PFDA	11.4	124	25 - 150	8.652066	8.72274	-0.0707	+/-1.00	
M7PFUdA	11.4	116	25 - 150	9.106167	9.194471	-0.0883	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.4	110	25 - 150	9.51265	9.613558	-0.1009	+/-1.00	
M2PFTeDA	11.4	78.2	10 - 150	10.18423	10.30281	-0.1186	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	91.5	66.3	25 - 150	1.379217	1.212835	0.1664	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	21.9	145	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	45.8	123	25 - 150	4.718	4.464844	0.2532	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	22.9	228	10 - 150	9.221933	9.329721	-0.1078	+/-1.00	*
d3-N-MeFOSAA	45.8	201	25 - 150	8.864017	8.937294	-0.0733	+/-1.00	*
d5-N-EtFOSAA	45.8	221	25 - 150	9.095917	9.17374	-0.0778	+/-1.00	*
M2-6:2 FTS	43.5	119	25 - 200	7.491633	7.551135	-0.0595	+/-1.00	
M2-8:2 FTS	43.9	99.7	25 - 200	8.623484	8.687194	-0.0637	+/-1.00	
M9PFNA	11.4	107	25 - 150	8.124166	8.190992	-0.0668	+/-1.00	
M2-4:2 FTS	42.9	191	25 - 150	6.073417	6.10806	-0.0346	+/-1.00	*
d-N-MeFOSA	22.9	146	25 - 150	10.063	10.21148	-0.1485	+/-1.00	
d-N-EtFOSA	22.9	150	25 - 150	10.32802	10.49709	-0.1691	+/-1.00	
M3HFPO-DA	91.5	110	25 - 150	6.401883	6.456387	-0.0545	+/-1.00	
d9-N-EtFOSE	229	181	25 - 150	10.28862	10.459	-0.1704	+/-1.00	*
d7-N-MeFOSE	229	204	25 - 150	10.03098	10.18604	-0.1551	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW00X (25A0590-12)			Lab File ID: QQQ49048.d		Analyzed: 01/16/25 09:51			
M3PFBS	21.7	126	25 - 150	5.390167	5.341737	0.0484	+/-1.00	
M5PFHxA	23.2	116	25 - 150	6.139283	6.176775	-0.0375	+/-1.00	
M4PFHpA	23.2	108	25 - 150	6.918967	6.964667	-0.0457	+/-1.00	
M3PFHxS	22.0	127	25 - 150	7.01115	7.059694	-0.0485	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.2	117	25 - 150	7.566933	7.608802	-0.0419	+/-1.00	
M6PFDA	11.6	106	25 - 150	8.68915	8.72274	-0.0336	+/-1.00	
M7PFUdA	11.6	102	25 - 150	9.152567	9.194471	-0.0419	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.6	91.4	25 - 150	9.559234	9.613558	-0.0543	+/-1.00	
M2PFTeDA	11.6	64.3	10 - 150	10.23028	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.9	36.4	25 - 150	1.360867	1.212835	0.1480	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.3	161	25 - 150	8.197433	8.230688	-0.0333	+/-1.00	*
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.5	112	25 - 150	4.690383	4.464844	0.2255	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.2	205	10 - 150	9.268283	9.329721	-0.0614	+/-1.00	*
d3-N-MeFOSAA	46.5	195	25 - 150	8.90115	8.937294	-0.0361	+/-1.00	*
d5-N-EtFOSAA	46.5	208	25 - 150	9.133034	9.17374	-0.0407	+/-1.00	*
M2-6:2 FTS	44.2	102	25 - 200	7.510167	7.551135	-0.0410	+/-1.00	
M2-8:2 FTS	44.6	101	25 - 200	8.6513	8.687194	-0.0359	+/-1.00	
M9PFNA	11.6	106	25 - 150	8.16185	8.190992	-0.0291	+/-1.00	
M2-4:2 FTS	43.6	136	25 - 150	6.073433	6.10806	-0.0346	+/-1.00	
d-N-MeFOSA	23.2	150	25 - 150	10.10912	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	23.2	132	25 - 150	10.3833	10.49709	-0.1138	+/-1.00	
M3HFPO-DA	92.9	117	25 - 150	6.4019	6.456387	-0.0545	+/-1.00	
d9-N-EtFOSE	232	158	25 - 150	10.34388	10.459	-0.1151	+/-1.00	*
d7-N-MeFOSE	232	156	25 - 150	10.07708	10.18604	-0.1090	+/-1.00	*

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Equipment Blank 1/9/25 (25A0590-13)			Lab File ID: QQQ49049.d		Analyzed: 01/16/25 10:07			
M3PFBS	22.4	122	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	24.1	114	25 - 150	6.148517	6.176775	-0.0283	+/-1.00	
M4PFHpA	24.1	110	25 - 150	6.91895	6.964667	-0.0457	+/-1.00	
M3PFHxS	22.8	132	25 - 150	7.01115	7.059694	-0.0485	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	24.1	112	25 - 150	7.55765	7.608802	-0.0512	+/-1.00	
M6PFDA	12.0	122	25 - 150	8.670617	8.72274	-0.0521	+/-1.00	
M7PFUdA	12.0	136	25 - 150	9.143283	9.194471	-0.0512	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.0	114	25 - 150	9.549983	9.613558	-0.0636	+/-1.00	
M2PFTeDA	12.0	83.4	10 - 150	10.23028	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	96.2	4.67	25 - 150	1.37005	1.212835	0.1572	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.1	113	25 - 150	8.17885	8.230688	-0.0518	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	48.1	84.9	25 - 150	4.7088	4.464844	0.2440	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	24.1	107	10 - 150	9.24975	9.329721	-0.0800	+/-1.00	
d3-N-MeFOSAA	48.1	101	25 - 150	8.882566	8.937294	-0.0547	+/-1.00	
d5-N-EtFOSAA	48.1	106	25 - 150	9.12375	9.17374	-0.0500	+/-1.00	
M2-6:2 FTS	45.8	84.8	25 - 200	7.510167	7.551135	-0.0410	+/-1.00	
M2-8:2 FTS	46.2	90.4	25 - 200	8.63275	8.687194	-0.0544	+/-1.00	
M9PFNA	12.0	114	25 - 150	8.142734	8.190992	-0.0483	+/-1.00	
M2-4:2 FTS	45.1	86.0	25 - 150	6.082667	6.10806	-0.0254	+/-1.00	
d-N-MeFOSA	24.1	87.3	25 - 150	10.09988	10.21148	-0.1116	+/-1.00	
d-N-EtFOSA	24.1	80.1	25 - 150	10.37408	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	96.2	105	25 - 150	6.41115	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	241	91.6	25 - 150	10.33468	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	241	87.3	25 - 150	10.07707	10.18604	-0.1090	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50775-BS2)			Lab File ID: QQQ49054.d		Analyzed: 01/16/25 11:28			
M3PFBS	2.32	112	25 - 150	5.41785	5.341737	0.0761	+/-1.00	
M5PFHxA	2.49	109	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	2.49	112	25 - 150	6.90045	6.964667	-0.0642	+/-1.00	
M3PFHxS	2.36	108	25 - 150	6.992183	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	94.3	25 - 150	7.5298	7.608802	-0.0790	+/-1.00	
M6PFDA	1.25	73.0	25 - 150	8.624267	8.72274	-0.0985	+/-1.00	
M7PFUdA	1.25	73.6	25 - 150	9.096884	9.194471	-0.0976	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	69.7	25 - 150	9.522233	9.613558	-0.0913	+/-1.00	
M2PFTeDA	1.25	59.2	10 - 150	10.22105	10.30281	-0.0818	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.96	5.50	25 - 150	1.379217	1.212835	0.1664	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	64.9	25 - 150	8.141133	8.230688	-0.0896	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.98	107	25 - 150	4.746333	4.464844	0.2815	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	68.6	10 - 150	9.221933	9.329721	-0.1078	+/-1.00	
d3-N-MeFOSAA	4.98	65.6	25 - 150	8.83535	8.937294	-0.1019	+/-1.00	
d5-N-EtFOSAA	4.98	67.3	25 - 150	9.077383	9.17374	-0.0964	+/-1.00	
M2-6:2 FTS	4.74	73.6	25 - 200	7.473083	7.551135	-0.0781	+/-1.00	
M2-8:2 FTS	4.78	63.8	25 - 200	8.595683	8.687194	-0.0915	+/-1.00	
M9PFNA	1.25	97.4	25 - 150	8.1056	8.190992	-0.0854	+/-1.00	
M2-4:2 FTS	4.67	80.8	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	2.49	56.1	25 - 150	10.09987	10.21148	-0.1116	+/-1.00	
d-N-EtFOSA	2.49	51.8	25 - 150	10.37405	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	9.96	102	25 - 150	6.41115	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	24.9	57.7	25 - 150	10.33465	10.459	-0.1244	+/-1.00	
d7-N-MeFOSE	24.9	60.9	25 - 150	10.06783	10.18604	-0.1182	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1460	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB006 (0-2 IN) (25A0590-01)			Lab File ID: QQQ49086.d		Analyzed: 01/16/25 20:15			
M3PFBS	2.79	87.7	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	2.99	80.9	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	2.99	78.1	25 - 150	6.928216	6.964667	-0.0365	+/-1.00	
M3PFHxS	2.84	84.5	25 - 150	7.020383	7.059694	-0.0393	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.99	87.9	25 - 150	7.576217	7.608802	-0.0326	+/-1.00	
M6PFDA	1.50	79.8	25 - 150	8.698417	8.72274	-0.0243	+/-1.00	
M7PFUdA	1.50	69.9	25 - 150	9.15255	9.194471	-0.0419	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.50	66.8	25 - 150	9.568483	9.613558	-0.0451	+/-1.00	
M2PFTeDA	1.50	57.2	10 - 150	10.2395	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.0	71.0	25 - 150	1.360867	1.212835	0.1480	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.87	73.4	25 - 150	8.207566	8.230688	-0.0231	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.98	85.7	25 - 150	4.7088	4.464844	0.2440	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.99	52.3	10 - 150	9.296083	9.329721	-0.0336	+/-1.00	
d3-N-MeFOSAA	5.98	63.3	25 - 150	8.910434	8.937294	-0.0269	+/-1.00	
d5-N-EtFOSAA	5.98	65.0	25 - 150	9.142317	9.17374	-0.0314	+/-1.00	
M2-6:2 FTS	5.69	74.4	25 - 200	7.529083	7.551135	-0.0221	+/-1.00	
M2-8:2 FTS	5.74	74.7	25 - 200	8.66055	8.687194	-0.0266	+/-1.00	
M9PFNA	1.50	83.5	25 - 150	8.171133	8.190992	-0.0199	+/-1.00	
M2-4:2 FTS	5.61	74.8	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	2.99	41.2	25 - 150	10.13677	10.21148	-0.0747	+/-1.00	
d-N-EtFOSA	2.99	46.7	25 - 150	10.40172	10.49709	-0.0954	+/-1.00	
M3HFPO-DA	12.0	77.8	25 - 150	6.420417	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	29.9	37.1	25 - 150	10.3623	10.459	-0.0967	+/-1.00	
d7-N-MeFOSE	29.9	36.2	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1460	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB006 (6- 8 FT) (25A0590-03)			Lab File ID: QQQ49088.d		Analyzed: 01/16/25 20:48			
M3PFBS	2.40	118	25 - 150	5.3994	5.341737	0.0577	+/-1.00	
M5PFHxA	2.58	116	25 - 150	6.148533	6.176775	-0.0282	+/-1.00	
M4PFHpA	2.58	113	25 - 150	6.900466	6.964667	-0.0642	+/-1.00	
M3PFHxS	2.44	125	25 - 150	7.001467	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.58	116	25 - 150	7.548383	7.608802	-0.0604	+/-1.00	
M6PFDA	1.29	106	25 - 150	8.652083	8.72274	-0.0707	+/-1.00	
M7PFUdA	1.29	102	25 - 150	9.124733	9.194471	-0.0697	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.29	90.6	25 - 150	9.5315	9.613558	-0.0821	+/-1.00	
M2PFTeDA	1.29	79.8	10 - 150	10.23028	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.3	102	25 - 150	1.351683	1.212835	0.1388	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.47	94.2	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.15	117	25 - 150	4.6996	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.58	75.6	10 - 150	9.259017	9.329721	-0.0707	+/-1.00	
d3-N-MeFOSAA	5.15	86.4	25 - 150	8.864017	8.937294	-0.0733	+/-1.00	
d5-N-EtFOSAA	5.15	97.1	25 - 150	9.1052	9.17374	-0.0685	+/-1.00	
M2-6:2 FTS	4.90	80.5	25 - 200	7.491633	7.551135	-0.0595	+/-1.00	
M2-8:2 FTS	4.95	76.2	25 - 200	8.623484	8.687194	-0.0637	+/-1.00	
M9PFNA	1.29	109	25 - 150	8.13345	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	4.83	85.0	25 - 150	6.073433	6.10806	-0.0346	+/-1.00	
d-N-MeFOSA	2.58	61.3	25 - 150	10.1091	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	2.58	44.1	25 - 150	10.3925	10.49709	-0.1046	+/-1.00	
M3HFPO-DA	10.3	110	25 - 150	6.4019	6.456387	-0.0545	+/-1.00	
d9-N-EtFOSE	25.8	54.9	25 - 150	10.35308	10.459	-0.1059	+/-1.00	
d7-N-MeFOSE	25.8	56.5	25 - 150	10.07708	10.18604	-0.1090	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA50815-BLK1)			Lab File ID: QQQ49098.d		Analyzed: 01/16/25 23:29			
M3PFBS	23.3	121	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	25.0	121	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	25.0	112	25 - 150	6.9097	6.964667	-0.0550	+/-1.00	
M3PFHxS	23.7	124	25 - 150	7.00145	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	124	25 - 150	7.539083	7.608802	-0.0697	+/-1.00	
M6PFDA	12.5	136	25 - 150	8.6428	8.72274	-0.0799	+/-1.00	
M7PFUdA	12.5	132	25 - 150	9.115434	9.194471	-0.0790	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	126	25 - 150	9.522233	9.613558	-0.0913	+/-1.00	
M2PFTeDA	12.5	78.5	10 - 150	10.23028	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	4.02	25 - 150	1.379217	1.212835	0.1664	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.9	106	25 - 150	8.150416	8.230688	-0.0803	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	84.4	25 - 150	4.737117	4.464844	0.2723	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	99.7	10 - 150	9.249733	9.329721	-0.0800	+/-1.00	
d3-N-MeFOSAA	50.0	96.0	25 - 150	8.854716	8.937294	-0.0826	+/-1.00	
d5-N-EtFOSAA	50.0	104	25 - 150	9.095917	9.17374	-0.0778	+/-1.00	
M2-6:2 FTS	47.5	88.4	25 - 200	7.491633	7.551135	-0.0595	+/-1.00	
M2-8:2 FTS	48.0	87.3	25 - 200	8.60495	8.687194	-0.0822	+/-1.00	
M9PFNA	12.5	111	25 - 150	8.124166	8.190992	-0.0668	+/-1.00	
M2-4:2 FTS	46.9	89.1	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	25.0	85.3	25 - 150	10.1091	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	25.0	93.1	25 - 150	10.39248	10.49709	-0.1046	+/-1.00	
M3HFPO-DA	100	115	25 - 150	6.420417	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	250	77.5	25 - 150	10.35308	10.459	-0.1059	+/-1.00	
d7-N-MeFOSE	250	83.0	25 - 150	10.07707	10.18604	-0.1090	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50815-BS1)			Lab File ID: QQQ49099.d		Analyzed: 01/16/25 23:45			
M3PFBS	23.3	111	25 - 150	5.41785	5.341737	0.0761	+/-1.00	
M5PFHxA	25.0	111	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	25.0	114	25 - 150	6.90045	6.964667	-0.0642	+/-1.00	
M3PFHxS	23.7	116	25 - 150	6.992183	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	106	25 - 150	7.5202	7.608802	-0.0886	+/-1.00	
M6PFDA	12.5	112	25 - 150	8.605733	8.72274	-0.1170	+/-1.00	
M7PFUdA	12.5	96.3	25 - 150	9.087667	9.194471	-0.1068	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	103	25 - 150	9.5034	9.613558	-0.1102	+/-1.00	
M2PFTeDA	12.5	80.6	10 - 150	10.20265	10.30281	-0.1002	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	4.65	25 - 150	1.3884	1.212835	0.1756	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.9	113	25 - 150	8.122566	8.230688	-0.1081	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	80.4	25 - 150	4.746333	4.464844	0.2815	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	105	10 - 150	9.221933	9.329721	-0.1078	+/-1.00	
d3-N-MeFOSAA	50.0	109	25 - 150	8.826067	8.937294	-0.1112	+/-1.00	
d5-N-EtFOSAA	50.0	101	25 - 150	9.068133	9.17374	-0.1056	+/-1.00	
M2-6:2 FTS	47.5	86.6	25 - 200	7.463817	7.551135	-0.0873	+/-1.00	
M2-8:2 FTS	48.0	94.3	25 - 200	8.57715	8.687194	-0.1100	+/-1.00	
M9PFNA	12.5	113	25 - 150	8.096316	8.190992	-0.0947	+/-1.00	
M2-4:2 FTS	46.9	82.8	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	25.0	101	25 - 150	10.09067	10.21148	-0.1208	+/-1.00	
d-N-EtFOSA	25.0	91.5	25 - 150	10.37408	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	100	114	25 - 150	6.41115	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	250	79.8	25 - 150	10.33467	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	250	79.0	25 - 150	10.05863	10.18604	-0.1274	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Sequence:	S5A1460	Instrument:	LCQQQ
		Calibration:	SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50815-BS2)			Lab File ID: QQQ49100.d		Analyzed: 01/17/25 00:01			
M3PFBS	23.3	113	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	25.0	121	25 - 150	6.158283	6.176775	-0.0185	+/-1.00	
M4PFHpA	25.0	111	25 - 150	6.909717	6.964667	-0.0550	+/-1.00	
M3PFHxS	23.7	120	25 - 150	6.9922	7.059694	-0.0675	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	122	25 - 150	7.5391	7.608802	-0.0697	+/-1.00	
M6PFDA	12.5	127	25 - 150	8.6243	8.72274	-0.0984	+/-1.00	
M7PFUdA	12.5	116	25 - 150	9.0969	9.194471	-0.0976	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	116	25 - 150	9.522266	9.613558	-0.0913	+/-1.00	
M2PFTeDA	12.5	92.1	10 - 150	10.23032	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	3.77	25 - 150	1.397583	1.212835	0.1847	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	23.9	106	25 - 150	8.14115	8.230688	-0.0895	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	77.2	25 - 150	4.746333	4.464844	0.2815	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	105	10 - 150	9.231234	9.329721	-0.0985	+/-1.00	
d3-N-MeFOSAA	50.0	105	25 - 150	8.835366	8.937294	-0.1019	+/-1.00	
d5-N-EtFOSAA	50.0	110	25 - 150	9.077416	9.17374	-0.0963	+/-1.00	
M2-6:2 FTS	47.5	80.9	25 - 200	7.482367	7.551135	-0.0688	+/-1.00	
M2-8:2 FTS	48.0	90.9	25 - 200	8.586433	8.687194	-0.1008	+/-1.00	
M9PFNA	12.5	131	25 - 150	8.114917	8.190992	-0.0761	+/-1.00	
M2-4:2 FTS	46.9	82.1	25 - 150	6.0919	6.10806	-0.0162	+/-1.00	
d-N-MeFOSA	25.0	94.3	25 - 150	10.11835	10.21148	-0.0931	+/-1.00	
d-N-EtFOSA	25.0	88.2	25 - 150	10.40173	10.49709	-0.0954	+/-1.00	
M3HFPO-DA	100	126	25 - 150	6.411167	6.456387	-0.0452	+/-1.00	
d9-N-EtFOSE	250	75.9	25 - 150	10.36233	10.459	-0.0967	+/-1.00	
d7-N-MeFOSE	250	90.9	25 - 150	10.08633	10.18604	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1460
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Field Blank 1/9/25 (25A0590-14)			Lab File ID: QQQ49109.d		Analyzed: 01/17/25 02:26			
M3PFBS	22.2	125	25 - 150	5.4274	5.341737	0.0857	+/-1.00	
M5PFHxA	23.9	114	25 - 150	6.167533	6.176775	-0.0092	+/-1.00	
M4PFHpA	23.9	114	25 - 150	6.909717	6.964667	-0.0550	+/-1.00	
M3PFHxS	22.6	124	25 - 150	7.001467	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.9	117	25 - 150	7.548383	7.608802	-0.0604	+/-1.00	
M6PFDA	11.9	153	25 - 150	8.6521	8.72274	-0.0706	+/-1.00	*
M7PFUdA	11.9	135	25 - 150	9.11545	9.194471	-0.0790	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.9	111	25 - 150	9.51265	9.613558	-0.1009	+/-1.00	
M2PFTeDA	11.9	88.9	10 - 150	10.19345	10.30281	-0.1094	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	95.4	3.31	25 - 150	1.415933	1.212835	0.2031	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.8	117	25 - 150	8.1603	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	47.7	82.4	25 - 150	4.764783	4.464844	0.2999	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.9	109	10 - 150	9.240483	9.329721	-0.0892	+/-1.00	
d3-N-MeFOSAA	47.7	108	25 - 150	8.864017	8.937294	-0.0733	+/-1.00	
d5-N-EtFOSAA	47.7	117	25 - 150	9.095933	9.17374	-0.0778	+/-1.00	
M2-6:2 FTS	45.4	100	25 - 200	7.491633	7.551135	-0.0595	+/-1.00	
M2-8:2 FTS	45.8	90.0	25 - 200	8.614233	8.687194	-0.0730	+/-1.00	
M9PFNA	11.9	107	25 - 150	8.133467	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	44.7	96.2	25 - 150	6.101133	6.10806	-0.0069	+/-1.00	
d-N-MeFOSA	23.9	95.4	25 - 150	10.08145	10.21148	-0.1300	+/-1.00	
d-N-EtFOSA	23.9	94.7	25 - 150	10.35567	10.49709	-0.1414	+/-1.00	
M3HFPO-DA	95.4	115	25 - 150	6.420417	6.456387	-0.0360	+/-1.00	
d9-N-EtFOSE	239	75.3	25 - 150	10.31625	10.459	-0.1427	+/-1.00	
d7-N-MeFOSE	239	76.8	25 - 150	10.04942	10.18604	-0.1366	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1724
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50941-BS1)			Lab File ID: QQQ49147.d		Analyzed: 01/17/25 16:09			
M3PFBS	2.32	112	25 - 150	5.371716	5.341737	0.0300	+/-1.00	
M5PFHxA	2.49	110	25 - 150	6.139266	6.176775	-0.0375	+/-1.00	
M4PFHpA	2.49	103	25 - 150	6.90045	6.964667	-0.0642	+/-1.00	
M3PFHxS	2.36	104	25 - 150	7.00145	7.059694	-0.0582	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	104	25 - 150	7.539083	7.608802	-0.0697	+/-1.00	
M6PFDA	1.24	107	25 - 150	8.66135	8.72274	-0.0614	+/-1.00	
M7PFUdA	1.24	92.9	25 - 150	9.134	9.194471	-0.0605	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.24	85.8	25 - 150	9.549983	9.613558	-0.0636	+/-1.00	
M2PFTeDA	1.24	85.2	10 - 150	10.24872	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.94	12.6	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.38	94.6	25 - 150	8.160283	8.230688	-0.0704	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.97	107	25 - 150	4.652833	4.464844	0.1880	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	92.3	10 - 150	9.2868	9.329721	-0.0429	+/-1.00	
d3-N-MeFOSAA	4.97	86.2	25 - 150	8.873283	8.937294	-0.0640	+/-1.00	
d5-N-EtFOSAA	4.97	89.1	25 - 150	9.12375	9.17374	-0.0500	+/-1.00	
M2-6:2 FTS	4.73	84.4	25 - 200	7.491617	7.551135	-0.0595	+/-1.00	
M2-8:2 FTS	4.77	79.8	25 - 200	8.623484	8.687194	-0.0637	+/-1.00	
M9PFNA	1.24	110	25 - 150	8.13345	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	4.66	83.5	25 - 150	6.064183	6.10806	-0.0439	+/-1.00	
d-N-MeFOSA	2.49	81.4	25 - 150	10.13677	10.21148	-0.0747	+/-1.00	
d-N-EtFOSA	2.49	78.0	25 - 150	10.42013	10.49709	-0.0770	+/-1.00	
M3HFPO-DA	9.94	108	25 - 150	6.401883	6.456387	-0.0545	+/-1.00	
d9-N-EtFOSE	24.9	73.0	25 - 150	10.38072	10.459	-0.0783	+/-1.00	
d7-N-MeFOSE	24.9	70.8	25 - 150	10.10473	10.18604	-0.0813	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1724
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA50941-BS2)			Lab File ID: QQQ49148.d		Analyzed: 01/17/25 16:25			
M3PFBS	2.32	104	25 - 150	5.371733	5.341737	0.0300	+/-1.00	
M5PFHxA	2.49	98.7	25 - 150	6.13005	6.176775	-0.0467	+/-1.00	
M4PFHpA	2.49	102	25 - 150	6.9097	6.964667	-0.0550	+/-1.00	
M3PFHxS	2.36	91.1	25 - 150	7.01115	7.059694	-0.0485	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.49	88.4	25 - 150	7.548367	7.608802	-0.0604	+/-1.00	
M6PFDA	1.25	79.3	25 - 150	8.66135	8.72274	-0.0614	+/-1.00	
M7PFUdA	1.25	64.9	25 - 150	9.134	9.194471	-0.0605	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	56.3	25 - 150	9.559234	9.613558	-0.0543	+/-1.00	
M2PFTeDA	1.25	66.5	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	9.96	40.5	25 - 150	1.333317	1.212835	0.1205	+/-1.00	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.39	63.7	25 - 150	8.169567	8.230688	-0.0611	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.98	96.3	25 - 150	4.662034	4.464844	0.1972	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.49	65.5	10 - 150	9.286817	9.329721	-0.0429	+/-1.00	
d3-N-MeFOSAA	4.98	54.2	25 - 150	8.882566	8.937294	-0.0547	+/-1.00	
d5-N-EtFOSAA	4.98	58.3	25 - 150	9.12375	9.17374	-0.0500	+/-1.00	
M2-6:2 FTS	4.74	60.4	25 - 200	7.5009	7.551135	-0.0502	+/-1.00	
M2-8:2 FTS	4.78	50.1	25 - 200	8.623484	8.687194	-0.0637	+/-1.00	
M9PFNA	1.25	85.8	25 - 150	8.13345	8.190992	-0.0575	+/-1.00	
M2-4:2 FTS	4.67	74.4	25 - 150	6.064183	6.10806	-0.0439	+/-1.00	
d-N-MeFOSA	2.49	51.4	25 - 150	10.13677	10.21148	-0.0747	+/-1.00	
d-N-EtFOSA	2.49	49.8	25 - 150	10.42013	10.49709	-0.0770	+/-1.00	
M3HFPO-DA	9.96	103	25 - 150	6.4019	6.456387	-0.0545	+/-1.00	
d9-N-EtFOSE	24.9	49.8	25 - 150	10.38072	10.459	-0.0783	+/-1.00	
d7-N-MeFOSE	24.9	48.4	25 - 150	10.11395	10.18604	-0.0721	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1724
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Duplicate (BA50941-DUP1)			Lab File ID: QQQ49150.d		Analyzed: 01/17/25 16:57			
M3PFBS	2.81	118	25 - 150	5.390183	5.341737	0.0484	+/-1.00	
M5PFHxA	3.01	109	25 - 150	6.13005	6.176775	-0.0467	+/-1.00	
M4PFHpA	3.01	110	25 - 150	6.854183	6.964667	-0.1105	+/-1.00	
M3PFHxS	2.85	114	25 - 150	6.9459	7.059694	-0.1138	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.01	106	25 - 150	7.464583	7.608802	-0.1442	+/-1.00	
M6PFDA	1.51	107	25 - 150	8.55015	8.72274	-0.1726	+/-1.00	
M7PFUdA	1.51	96.3	25 - 150	9.031934	9.194471	-0.1625	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.51	86.1	25 - 150	9.484883	9.613558	-0.1287	+/-1.00	
M2PFTeDA	1.51	76.3	10 - 150	10.2395	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	12.0	16.7	25 - 150	1.3884	1.212835	0.1756	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.88	89.9	25 - 150	8.057633	8.230688	-0.1731	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	6.02	113	25 - 150	4.6996	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.01	87.2	10 - 150	9.194134	9.329721	-0.1356	+/-1.00	
d3-N-MeFOSAA	6.02	84.9	25 - 150	8.769983	8.937294	-0.1673	+/-1.00	
d5-N-EtFOSAA	6.02	88.6	25 - 150	9.021566	9.17374	-0.1522	+/-1.00	
M2-6:2 FTS	5.73	82.2	25 - 200	7.417467	7.551135	-0.1337	+/-1.00	
M2-8:2 FTS	5.78	75.5	25 - 200	8.5123	8.687194	-0.1749	+/-1.00	
M9PFNA	1.51	112	25 - 150	8.031384	8.190992	-0.1596	+/-1.00	
M2-4:2 FTS	5.65	85.5	25 - 150	6.0642	6.10806	-0.0439	+/-1.00	
d-N-MeFOSA	3.01	68.2	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	3.01	69.8	25 - 150	10.42933	10.49709	-0.0678	+/-1.00	
M3HFPO-DA	12.0	112	25 - 150	6.374117	6.456387	-0.0823	+/-1.00	
d9-N-EtFOSE	30.1	67.1	25 - 150	10.38072	10.459	-0.0783	+/-1.00	
d7-N-MeFOSE	30.1	63.8	25 - 150	10.0863	10.18604	-0.0997	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A1724
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
SB007 (6-8FT) (25A0590-06)			Lab File ID: QQQ49151.d		Analyzed: 01/17/25 17:13			
M3PFBS	2.33	111	25 - 150	5.390167	5.341737	0.0484	+/-1.00	
M5PFHxA	2.50	105	25 - 150	6.1208	6.176775	-0.0560	+/-1.00	
M4PFHpA	2.50	106	25 - 150	6.844917	6.964667	-0.1198	+/-1.00	
M3PFHxS	2.37	107	25 - 150	6.9268	7.059694	-0.1329	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	97.9	25 - 150	7.4553	7.608802	-0.1535	+/-1.00	
M6PFDA	1.25	103	25 - 150	8.540867	8.72274	-0.1819	+/-1.00	
M7PFUdA	1.25	77.5	25 - 150	9.031917	9.194471	-0.1626	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	76.7	25 - 150	9.475634	9.613558	-0.1379	+/-1.00	
M2PFTeDA	1.25	71.0	10 - 150	10.23027	10.30281	-0.0725	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	16.1	25 - 150	1.397583	1.212835	0.1847	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	86.4	25 - 150	8.048333	8.230688	-0.1824	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.01	100	25 - 150	4.7088	4.464844	0.2440	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	87.1	10 - 150	9.184867	9.329721	-0.1449	+/-1.00	
d3-N-MeFOSAA	5.01	81.5	25 - 150	8.760716	8.937294	-0.1766	+/-1.00	
d5-N-EtFOSAA	5.01	94.2	25 - 150	9.02155	9.17374	-0.1522	+/-1.00	
M2-6:2 FTS	4.76	72.6	25 - 200	7.3989	7.551135	-0.1522	+/-1.00	
M2-8:2 FTS	4.80	65.6	25 - 200	8.50255	8.687194	-0.1846	+/-1.00	
M9PFNA	1.25	87.8	25 - 150	8.022083	8.190992	-0.1689	+/-1.00	
M2-4:2 FTS	4.69	80.9	25 - 150	6.05495	6.10806	-0.0531	+/-1.00	
d-N-MeFOSA	2.50	69.3	25 - 150	10.10908	10.21148	-0.1024	+/-1.00	
d-N-EtFOSA	2.50	64.5	25 - 150	10.42012	10.49709	-0.0770	+/-1.00	
M3HFPO-DA	10.0	101	25 - 150	6.36485	6.456387	-0.0915	+/-1.00	
d9-N-EtFOSE	25.0	57.5	25 - 150	10.3715	10.459	-0.0875	+/-1.00	
d7-N-MeFOSE	25.0	53.0	25 - 150	10.07707	10.18604	-0.1090	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA51086-BLK1)			Lab File ID: QQQ49211.d		Analyzed: 01/20/25 20:24			
M3PFBS	23.3	125	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	25.0	115	25 - 150	6.204517	6.176775	0.0277	+/-1.00	
M4PFHpA	25.0	116	25 - 150	7.040383	6.964667	0.0757	+/-1.00	
M3PFHxS	23.7	132	25 - 150	7.1408	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	137	25 - 150	7.726733	7.608802	0.1179	+/-1.00	
M6PFDA	12.5	127	25 - 150	8.847867	8.72274	0.1251	+/-1.00	
M7PFUdA	12.5	115	25 - 150	9.282516	9.194471	0.0880	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	95.9	25 - 150	9.651716	9.613558	0.0382	+/-1.00	
M2PFTeDA	12.5	73.2	10 - 150	10.24872	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	4.06	25 - 150	1.3425	1.212835	0.1297	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	130	25 - 150	8.3655	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	66.9	25 - 150	4.6996	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	119	10 - 150	9.37025	9.329721	0.0405	+/-1.00	
d3-N-MeFOSAA	50.0	110	25 - 150	9.05025	8.937294	0.1130	+/-1.00	
d5-N-EtFOSAA	50.0	117	25 - 150	9.272266	9.17374	0.0985	+/-1.00	
M2-6:2 FTS	47.6	112	25 - 200	7.670267	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	48.0	100	25 - 200	8.8184	8.687194	0.1312	+/-1.00	
M9PFNA	12.5	106	25 - 150	8.330317	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	46.9	98.5	25 - 150	6.12885	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	25.0	97.9	25 - 150	10.12755	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	25.0	87.9	25 - 150	10.3741	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	100	97.4	25 - 150	6.494583	6.456387	0.0382	+/-1.00	
d9-N-EtFOSE	250	97.4	25 - 150	10.33468	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	250	97.2	25 - 150	10.09553	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (BA51086-BLK2)			Lab File ID: QQQ49212.d		Analyzed: 01/20/25 20:40			
M3PFBS	21.5	131	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	23.0	111	25 - 150	6.204533	6.176775	0.0278	+/-1.00	
M4PFHpA	23.0	120	25 - 150	7.040383	6.964667	0.0757	+/-1.00	
M3PFHxS	21.9	131	25 - 150	7.1408	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.0	124	25 - 150	7.726717	7.608802	0.1179	+/-1.00	
M6PFDA	11.5	135	25 - 150	8.847883	8.72274	0.1251	+/-1.00	
M7PFUdA	11.5	121	25 - 150	9.273283	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.5	110	25 - 150	9.651733	9.613558	0.0382	+/-1.00	
M2PFTeDA	11.5	78.9	10 - 150	10.24873	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	92.2	3.11	25 - 150	1.333333	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	22.1	128	25 - 150	8.365517	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	46.1	72.5	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	23.0	108	10 - 150	9.370283	9.329721	0.0406	+/-1.00	
d3-N-MeFOSAA	46.1	104	25 - 150	9.050266	8.937294	0.1130	+/-1.00	
d5-N-EtFOSAA	46.1	110	25 - 150	9.263033	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	43.8	103	25 - 200	7.670267	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	44.3	98.8	25 - 200	8.80915	8.687194	0.1220	+/-1.00	
M9PFNA	11.5	121	25 - 150	8.339583	8.190992	0.1486	+/-1.00	
M2-4:2 FTS	43.2	97.9	25 - 150	6.12885	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	23.0	92.5	25 - 150	10.12758	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	23.0	80.4	25 - 150	10.37412	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	92.2	96.7	25 - 150	6.4946	6.456387	0.0382	+/-1.00	
d9-N-EtFOSE	230	85.9	25 - 150	10.3347	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	230	86.1	25 - 150	10.09555	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA51086-BS1)			Lab File ID: QQQ49213.d		Analyzed: 01/20/25 20:57			
M3PFBS	23.3	137	25 - 150	5.40865	5.341737	0.0669	+/-1.00	
M5PFHxA	25.0	139	25 - 150	6.204533	6.176775	0.0278	+/-1.00	
M4PFHpA	25.0	142	25 - 150	7.040383	6.964667	0.0757	+/-1.00	
M3PFHxS	23.7	147	25 - 150	7.1408	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	164	25 - 150	7.726733	7.608802	0.1179	+/-1.00	*
M6PFDA	12.5	139	25 - 150	8.847867	8.72274	0.1251	+/-1.00	
M7PFUdA	12.5	156	25 - 150	9.27325	9.194471	0.0788	+/-1.00	*
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	147	25 - 150	9.651716	9.613558	0.0382	+/-1.00	
M2PFTeDA	12.5	98.5	10 - 150	10.24872	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	5.46	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	134	25 - 150	8.3655	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	85.5	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	124	10 - 150	9.3795	9.329721	0.0498	+/-1.00	
d3-N-MeFOSAA	50.0	120	25 - 150	9.05025	8.937294	0.1130	+/-1.00	
d5-N-EtFOSAA	50.0	114	25 - 150	9.272266	9.17374	0.0985	+/-1.00	
M2-6:2 FTS	47.6	126	25 - 200	7.670267	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	48.0	117	25 - 200	8.809116	8.687194	0.1219	+/-1.00	
M9PFNA	12.5	140	25 - 150	8.330317	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	46.9	116	25 - 150	6.128867	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	25.0	97.9	25 - 150	10.11833	10.21148	-0.0931	+/-1.00	
d-N-EtFOSA	25.0	95.3	25 - 150	10.37408	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	100	113	25 - 150	6.4946	6.456387	0.0382	+/-1.00	
d9-N-EtFOSE	250	100	25 - 150	10.33468	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	250	102	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BA51086-BS2)			Lab File ID: QQQ49214.d		Analyzed: 01/20/25 21:13			
M3PFBS	23.3	141	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	25.0	125	25 - 150	6.204533	6.176775	0.0278	+/-1.00	
M4PFHpA	25.0	130	25 - 150	7.0404	6.964667	0.0757	+/-1.00	
M3PFHxS	23.7	145	25 - 150	7.1408	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	25.0	143	25 - 150	7.72675	7.608802	0.1179	+/-1.00	
M6PFDA	12.5	130	25 - 150	8.847883	8.72274	0.1251	+/-1.00	
M7PFUdA	12.5	131	25 - 150	9.282534	9.194471	0.0881	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.5	129	25 - 150	9.651733	9.613558	0.0382	+/-1.00	
M2PFTeDA	12.5	90.3	10 - 150	10.23952	10.30281	-0.0633	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	100	3.63	25 - 150	1.333333	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.0	134	25 - 150	8.365517	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	50.0	75.4	25 - 150	4.699616	4.464844	0.2348	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.0	118	10 - 150	9.370267	9.329721	0.0405	+/-1.00	
d3-N-MeFOSAA	50.0	111	25 - 150	9.041	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	50.0	127	25 - 150	9.263017	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	47.6	120	25 - 200	7.670283	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	48.0	116	25 - 200	8.809134	8.687194	0.1219	+/-1.00	
M9PFNA	12.5	152	25 - 150	8.330334	8.190992	0.1393	+/-1.00	*
M2-4:2 FTS	46.9	108	25 - 150	6.128867	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	25.0	100	25 - 150	10.12757	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	25.0	76.8	25 - 150	10.36488	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	100	111	25 - 150	6.4946	6.456387	0.0382	+/-1.00	
d9-N-EtFOSE	250	103	25 - 150	10.33468	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	250	103	25 - 150	10.09553	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW003 (25A0590-10RE1)			Lab File ID: QQQ49215.d		Analyzed: 01/20/25 21:29			
M3PFBS	2330	142	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	2500	122	25 - 150	6.204533	6.176775	0.0278	+/-1.00	
M4PFHpA	2500	132	25 - 150	7.0404	6.964667	0.0757	+/-1.00	
M3PFHxS	2370	147	25 - 150	7.140817	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2500	120	25 - 150	7.726733	7.608802	0.1179	+/-1.00	
M6PFDA	1250	140	25 - 150	8.847867	8.72274	0.1251	+/-1.00	
M7PFUdA	1250	134	25 - 150	9.282534	9.194471	0.0881	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1250	125	25 - 150	9.651716	9.613558	0.0382	+/-1.00	
M2PFTeDA	1250	90.3	10 - 150	10.24872	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10000	3.35	25 - 150	1.333333	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2400	132	25 - 150	8.3655	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5000	68.4	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2500	124	10 - 150	9.37025	9.329721	0.0405	+/-1.00	
d3-N-MeFOSAA	5000	119	25 - 150	9.05025	8.937294	0.1130	+/-1.00	
d5-N-EtFOSAA	5000	128	25 - 150	9.263	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	4760	114	25 - 200	7.670267	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	4800	111	25 - 200	8.809134	8.687194	0.1219	+/-1.00	
M9PFNA	1250	120	25 - 150	8.339583	8.190992	0.1486	+/-1.00	
M2-4:2 FTS	4690	110	25 - 150	6.128867	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	2500	109	25 - 150	10.12755	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2500	86.7	25 - 150	10.37408	10.49709	-0.1230	+/-1.00	
M3HFPO-DA	10000	93.3	25 - 150	6.4946	6.456387	0.0382	+/-1.00	
d9-N-EtFOSE	25000	98.0	25 - 150	10.33468	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	25000	98.0	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW004 (25A0590-11RE1)			Lab File ID: QQQ49216.d		Analyzed: 01/20/25 21:45			
M3PFBS	2330	126	25 - 150	5.408617	5.341737	0.0669	+/-1.00	
M5PFHxA	2500	112	25 - 150	6.204517	6.176775	0.0277	+/-1.00	
M4PFHpA	2500	119	25 - 150	7.040383	6.964667	0.0757	+/-1.00	
M3PFHxS	2370	134	25 - 150	7.140783	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2500	134	25 - 150	7.726717	7.608802	0.1179	+/-1.00	
M6PFDA	1250	108	25 - 150	8.84785	8.72274	0.1251	+/-1.00	
M7PFUdA	1250	124	25 - 150	9.282516	9.194471	0.0880	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1250	123	25 - 150	9.6517	9.613558	0.0381	+/-1.00	
M2PFTeDA	1250	81.0	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10000	3.01	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2400	134	25 - 150	8.365483	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5000	62.6	25 - 150	4.690383	4.464844	0.2255	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2500	121	10 - 150	9.37025	9.329721	0.0405	+/-1.00	
d3-N-MeFOSAA	5000	114	25 - 150	9.050233	8.937294	0.1129	+/-1.00	
d5-N-EtFOSAA	5000	132	25 - 150	9.262983	9.17374	0.0892	+/-1.00	
M2-6:2 FTS	4760	101	25 - 200	7.67025	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	4800	98.4	25 - 200	8.818383	8.687194	0.1312	+/-1.00	
M9PFNA	1250	122	25 - 150	8.339566	8.190992	0.1486	+/-1.00	
M2-4:2 FTS	4690	99.1	25 - 150	6.12885	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	2500	98.1	25 - 150	10.12753	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2500	92.1	25 - 150	10.36487	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	10000	97.5	25 - 150	6.485333	6.456387	0.0289	+/-1.00	
d9-N-EtFOSE	25000	95.8	25 - 150	10.33467	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	25000	104	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike (BA51086-MS1)			Lab File ID: QQQ49217.d		Analyzed: 01/20/25 22:01			
M3PFBS	2330	111	25 - 150	5.408617	5.341737	0.0669	+/-1.00	
M5PFHxA	2500	132	25 - 150	6.204517	6.176775	0.0277	+/-1.00	
M4PFHpA	2500	120	25 - 150	7.040367	6.964667	0.0757	+/-1.00	
M3PFHxS	2370	119	25 - 150	7.140783	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2500	137	25 - 150	7.726717	7.608802	0.1179	+/-1.00	
M6PFDA	1250	130	25 - 150	8.84785	8.72274	0.1251	+/-1.00	
M7PFUdA	1250	133	25 - 150	9.273233	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1250	118	25 - 150	9.6517	9.613558	0.0381	+/-1.00	
M2PFTeDA	1250	78.3	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10000	4.43	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2400	131	25 - 150	8.365483	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5000	77.3	25 - 150	4.690383	4.464844	0.2255	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2500	120	10 - 150	9.370234	9.329721	0.0405	+/-1.00	
d3-N-MeFOSAA	5000	113	25 - 150	9.040967	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	5000	117	25 - 150	9.262983	9.17374	0.0892	+/-1.00	
M2-6:2 FTS	4760	94.3	25 - 200	7.67025	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	4800	89.6	25 - 200	8.809116	8.687194	0.1219	+/-1.00	
M9PFNA	1250	121	25 - 150	8.3303	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	4690	92.3	25 - 150	6.12885	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	2500	99.6	25 - 150	10.11832	10.21148	-0.0932	+/-1.00	
d-N-EtFOSA	2500	87.0	25 - 150	10.36485	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	10000	99.7	25 - 150	6.494583	6.456387	0.0382	+/-1.00	
d9-N-EtFOSE	25000	94.2	25 - 150	10.33465	10.459	-0.1244	+/-1.00	
d7-N-MeFOSE	25000	105	25 - 150	10.0955	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (BA51086-MSD1)			Lab File ID: QQQ49218.d		Analyzed: 01/20/25 22:17			
M3PFBS	2330	147	25 - 150	5.399416	5.341737	0.0577	+/-1.00	
M5PFHxA	2500	130	25 - 150	6.195283	6.176775	0.0185	+/-1.00	
M4PFHpA	2500	123	25 - 150	7.031133	6.964667	0.0665	+/-1.00	
M3PFHxS	2370	153	25 - 150	7.1408	7.059694	0.0811	+/-1.00	*
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2500	149	25 - 150	7.726733	7.608802	0.1179	+/-1.00	
M6PFDA	1250	142	25 - 150	8.847867	8.72274	0.1251	+/-1.00	
M7PFUdA	1250	138	25 - 150	9.273267	9.194471	0.0788	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1250	136	25 - 150	9.651716	9.613558	0.0382	+/-1.00	
M2PFTeDA	1250	86.8	10 - 150	10.24872	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10000	6.13	25 - 150	1.333317	1.212835	0.1205	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2400	142	25 - 150	8.3655	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5000	79.2	25 - 150	4.6812	4.464844	0.2164	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2500	126	10 - 150	9.370267	9.329721	0.0405	+/-1.00	
d3-N-MeFOSAA	5000	112	25 - 150	9.040983	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	5000	117	25 - 150	9.263	9.17374	0.0893	+/-1.00	
M2-6:2 FTS	4760	116	25 - 200	7.670267	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	4800	108	25 - 200	8.809134	8.687194	0.1219	+/-1.00	
M9PFNA	1250	147	25 - 150	8.330317	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	4690	118	25 - 150	6.128867	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	2500	106	25 - 150	10.12755	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2500	91.2	25 - 150	10.36488	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	10000	106	25 - 150	6.485333	6.456387	0.0289	+/-1.00	
d9-N-EtFOSE	25000	110	25 - 150	10.33468	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	25000	127	25 - 150	10.09552	10.18604	-0.0905	+/-1.00	

FORM II **SURROGATE STANDARD RECOVERY AND RT SUMMARY**

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Sequence: S5A2032
Instrument: LCQQQ
Calibration: SA50002

Surrogate Compound	Spike Level ng/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW00X (25A0590-12RE1)			Lab File ID: QQQ49219.d		Analyzed: 01/20/25 22:33			
M3PFBS	2330	125	25 - 150	5.408633	5.341737	0.0669	+/-1.00	
M5PFHxA	2500	108	25 - 150	6.204517	6.176775	0.0277	+/-1.00	
M4PFHpA	2500	111	25 - 150	7.040383	6.964667	0.0757	+/-1.00	
M3PFHxS	2370	133	25 - 150	7.140783	7.059694	0.0811	+/-1.00	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2500	132	25 - 150	7.726717	7.608802	0.1179	+/-1.00	
M6PFDA	1250	120	25 - 150	8.84785	8.72274	0.1251	+/-1.00	
M7PFUdA	1250	142	25 - 150	9.2825	9.194471	0.0880	+/-1.00	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1250	119	25 - 150	9.6517	9.613558	0.0381	+/-1.00	
M2PFTeDA	1250	77.7	10 - 150	10.2487	10.30281	-0.0541	+/-1.00	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10000	4.15	25 - 150	1.3425	1.212835	0.1297	+/-1.00	*
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2400	125	25 - 150	8.365483	8.230688	0.1348	+/-1.00	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5000	66.6	25 - 150	4.6904	4.464844	0.2256	+/-1.00	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2500	115	10 - 150	9.370234	9.329721	0.0405	+/-1.00	
d3-N-MeFOSAA	5000	101	25 - 150	9.040967	8.937294	0.1037	+/-1.00	
d5-N-EtFOSAA	5000	111	25 - 150	9.262983	9.17374	0.0892	+/-1.00	
M2-6:2 FTS	4760	75.6	25 - 200	7.67025	7.551135	0.1191	+/-1.00	
M2-8:2 FTS	4800	73.6	25 - 200	8.818383	8.687194	0.1312	+/-1.00	
M9PFNA	1250	112	25 - 150	8.3303	8.190992	0.1393	+/-1.00	
M2-4:2 FTS	4690	78.4	25 - 150	6.12885	6.10806	0.0208	+/-1.00	
d-N-MeFOSA	2500	97.4	25 - 150	10.12753	10.21148	-0.0839	+/-1.00	
d-N-EtFOSA	2500	91.5	25 - 150	10.36485	10.49709	-0.1322	+/-1.00	
M3HFPO-DA	10000	93.4	25 - 150	6.494583	6.456387	0.0382	+/-1.00	
d9-N-EtFOSE	25000	109	25 - 150	10.33467	10.459	-0.1243	+/-1.00	
d7-N-MeFOSE	25000	126	25 - 150	10.0955	10.18604	-0.0905	+/-1.00	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW004

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50704
Laboratory ID: BA50704-MS1
Preparation: EPA 1633 Prep
Initial/Final: 545.1 mL / 5 mL
Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ng/L)	SAMPLE CONCENTRATION (ng/L)	MS CONCENTRATION (ng/L)	MS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	69.3	ND	51.8	74.7	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	141	1.96	154	108	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	138	ND	140	102	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	139	ND	129	92.2	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	734	ND	831	113	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	734	ND	818	111	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	147	ND	202	138	25 - 150
9CL-PF3ONS	68.6	ND	74.5	109	25 - 150
ADONA	69.3	ND	73.1	105	25 - 150
HFPO-DA (Gen-X)	73.4	ND	87.7	119	25 - 150
N-EtFOSA	36.7	ND	34.4	93.9	25 - 150
N-EtFOSAA	36.7	ND	37.2	101	25 - 150
N-EtFOSE	367	ND	315	85.8	25 - 150
N-MeFOSA	36.7	ND	33.4	91.2	25 - 150
N-MeFOSAA	36.7	ND	36.9	101	25 - 150
N-MeFOSE	367	ND	362	98.8	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	65.3	ND	69.2	106	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	35.4	ND	48.5	137	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.0	124	194	200 *	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	35.2	ND	56.3	160 *	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	36.7	ND	37.5	102	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	34.5	46.7	83.2	106	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	73.4	ND	58.3	79.4	25 - 150

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW004

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50704
Laboratory ID: BA50704-MSD1
Preparation: EPA 1633 Prep
Initial/Final: 546.4 mL / 5 mL
Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ng/L)	MSD CONCENTRATION (ng/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
11CL-PF3OUdS	69.2	52.6	76.0	1.54	30	25 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	141	144	101	7.21	35	25 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	137	138	100	1.66	30	25 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	139	133	95.7	3.52	35	25 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	732	698	95.4	17.4	30	25 - 150
3-Perfluoropentyl propanoic acid (FPePA)	732	745	102	9.39	30	25 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	146	204	139	0.842	30	25 - 150
9CL-PF3ONS	68.4	73.5	107	1.43	30	25 - 150
ADONA	69.2	76.0	110	3.88	30	25 - 150
HFPO-DA (Gen-X)	73.2	78.4	107	11.2	30	25 - 150
N-EtFOSA	36.6	29.7	81.2	14.7	30	25 - 150
N-EtFOSAA	36.6	33.8	92.4	9.61	35	25 - 150
N-EtFOSE	366	328	89.6	4.01	30	25 - 150
N-MeFOSA	36.6	32.7	89.4	2.16	30	25 - 150
N-MeFOSAA	36.6	37.6	103	1.70	35	25 - 150
N-MeFOSE	366	347	94.9	4.28	30	25 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	65.2	63.5	97.4	8.56	30	25 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	35.3	42.7	121	12.8	35	25 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	35.0	194	199 *	0.219	35	25 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	35.1	58.1	165 *	3.29	30	25 - 150
Perfluoro-1-octanesulfonamide (FOSA)	36.6	35.2	96.1	6.38	35	25 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	34.4	86.6	116	4.00	30	25 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	73.2	60.6	82.8	3.98	30	25 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50704	Laboratory ID:	BA50704-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	75.6	170	224 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	151	98.4	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	150	154	103	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	152	140	92.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	800	634	79.2	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	800	571	71.4	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	160	82.3	51.5	50 - 150
9CL-PF3ONS	74.8	171	228 *	50 - 150
ADONA	75.6	206	273 *	50 - 150
HFPO-DA (Gen-X)	80.0	97.8	122	50 - 150
N-EtFOSA	40.0	25.0	62.6	50 - 150
N-EtFOSAA	40.0	41.2	103	50 - 150
N-EtFOSE	400	365	91.2	50 - 150
N-MeFOSA	40.0	38.6	96.4	50 - 150
N-MeFOSAA	40.0	41.8	105	50 - 150
N-MeFOSE	400	429	107	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.2	55.2	77.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	38.6	39.8	103	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.2	31.7	83.1	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	38.4	44.4	116	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	40.0	40.5	101	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	36.7	97.6	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	80.0	73.2	91.5	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	14.6	18.3 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	119	148	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	37.0	105	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	37.1	92.8	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	38.8	32.3	83.3	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	39.6	99.0	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50704	Laboratory ID:	BA50704-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	13.6	180 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	13.9	90.2	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	15.8	105	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	14.2	93.2	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	58.4	73.0	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	52.0	65.0	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	8.03	50.2	50 - 150
9CL-PF3ONS	7.48	15.9	213 *	50 - 150
ADONA	7.56	18.5	244 *	50 - 150
HFPO-DA (Gen-X)	8.00	12.7	159 *	50 - 150
N-EtFOSA	4.00	2.56	63.9	50 - 150
N-EtFOSAA	4.00	4.44	111	50 - 150
N-EtFOSE	40.0	40.7	102	50 - 150
N-MeFOSA	4.00	4.97	124	50 - 150
N-MeFOSAA	4.00	3.97	99.1	50 - 150
N-MeFOSE	40.0	48.5	121	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	5.25	73.8	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	3.48	90.1	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	3.28	85.7	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	4.23	110	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	3.82	95.6	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	4.22	112	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	5.70	71.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	1.36	17.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	8.79	110	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	3.71	105	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	4.04	101	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.80	72.3	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	3.85	96.2	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50775	Laboratory ID:	BA50775-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	4.40	58.2	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	14.1	91.7	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	14.1	94.0	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	12.6	82.7	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	64.4	80.5	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	69.4	86.7	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	19.3	121	50 - 150
9CL-PF3ONS	7.48	5.72	76.4	50 - 150
ADONA	7.56	6.85	90.6	50 - 150
HFPO-DA (Gen-X)	8.00	7.65	95.6	50 - 150
N-EtFOSA	4.00	3.85	96.3	50 - 150
N-EtFOSAA	4.00	4.04	101	50 - 150
N-EtFOSE	40.0	35.4	88.5	50 - 150
N-MeFOSA	4.00	3.86	96.6	50 - 150
N-MeFOSAA	4.00	3.96	99.0	50 - 150
N-MeFOSE	40.0	41.6	104	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	5.86	82.3	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	2.74	71.0	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	3.24	84.7	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	3.45	89.8	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	3.66	91.6	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.50	93.1	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	6.86	85.7	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	7.25	90.6	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	6.48	81.1	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	3.21	90.6	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.69	92.4	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.68	69.1	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	3.44	86.0	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50775	Laboratory ID:	BA50775-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.753	0.371	49.2 *	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.19	77.8	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.33	88.9	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	1.32	87.4	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.97	4.53	56.9	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.97	6.28	78.8	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	1.40	87.9	50 - 150
9CL-PF3ONS	0.745	0.478	64.2	50 - 150
ADONA	0.753	0.606	80.5	50 - 150
HFPO-DA (Gen-X)	0.797	0.660	82.8	50 - 150
N-EtFOSA	0.398	0.273	68.4	50 - 150
N-EtFOSAA	0.398	0.357	89.6	50 - 150
N-EtFOSE	3.98	3.71	93.2	50 - 150
N-MeFOSA	0.398	0.406	102	50 - 150
N-MeFOSAA	0.398	0.346	86.8	50 - 150
N-MeFOSE	3.98	3.89	97.7	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.709	0.528	74.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.384	0.265	69.1	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.315	82.9	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.473	124	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.398	0.342	85.9	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.375	0.297	79.4	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.797	0.700	87.8	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.797	0.142	17.8 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.797	0.660	82.9	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.353	0.308	87.4	50 - 150
Perfluorodecanoic acid (PFDA)	0.398	0.303	76.0	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.386	0.170	44.1 *	50 - 150
Perfluorododecanoic acid (PFDoA)	0.398	0.347	87.0	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50775	Laboratory ID:	BA50775-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.398	0.277	69.5	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.289	79.2	50 - 150
Perfluorohexanoic acid (PFHxA)	0.398	0.307	77.2	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.59	1.19	74.5	50 - 150
Perfluorononanoic acid (PFNA)	0.398	0.251	62.9	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.371	0.418	113	50 - 150
Perfluorooctanoic acid (PFOA)	0.398	0.290	72.9	50 - 150
Perfluoropentanoic acid (PFPeA)	0.797	0.663	83.2	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.398	0.309	77.6	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.398	0.360	90.4	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.398	0.338	84.9	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50815	Laboratory ID:	BA50815-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500.03 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	75.6	74.7	98.9	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	159	104	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	150	155	103	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	152	150	98.9	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	800	754	94.2	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	800	915	114	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	160	156	97.8	50 - 150
9CL-PF3ONS	74.8	83.4	111	50 - 150
ADONA	75.6	79.2	105	50 - 150
HFPO-DA (Gen-X)	80.0	85.5	107	50 - 150
N-EtFOSA	40.0	37.5	93.9	50 - 150
N-EtFOSAA	40.0	45.9	115	50 - 150
N-EtFOSE	400	391	97.8	50 - 150
N-MeFOSA	40.0	42.3	106	50 - 150
N-MeFOSAA	40.0	41.4	104	50 - 150
N-MeFOSE	400	462	115	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.2	73.0	102	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	38.6	35.4	91.7	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.2	34.9	91.3	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	38.4	41.9	109	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	40.0	45.0	112	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	38.8	103	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	80.0	62.6	78.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	15.7	19.6 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	97.3	122	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	37.4	106	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	33.3	83.2	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	38.8	28.2	72.7	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	41.3	103	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50815	Laboratory ID:	BA50815-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500.02 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	6.47	85.6	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	16.2	105	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	15.2	101	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	14.3	93.8	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	70.9	88.7	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	80.9	101	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	14.0	87.2	50 - 150
9CL-PF3ONS	7.48	7.56	101	50 - 150
ADONA	7.56	7.57	100	50 - 150
HFPO-DA (Gen-X)	8.00	8.26	103	50 - 150
N-EtFOSA	4.00	3.01	75.3	50 - 150
N-EtFOSAA	4.00	3.74	93.6	50 - 150
N-EtFOSE	40.0	36.9	92.2	50 - 150
N-MeFOSA	4.00	4.46	111	50 - 150
N-MeFOSAA	4.00	4.39	110	50 - 150
N-MeFOSE	40.0	39.8	99.6	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	6.41	90.0	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	2.22	57.6	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	3.97	104	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	4.95	129	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	4.23	106	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	3.62	96.2	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	6.18	77.3	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	1.20	15.0 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	9.86	123	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	3.51	99.1	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.32	83.1	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.22	83.0	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	3.69	92.3	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50941	Laboratory ID:	BA50941-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	5.03 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.51	6.42	85.4	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.3	14.9	97.6	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.9	15.3	103	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.1	14.7	97.1	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	79.5	76.9	96.8	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	79.5	80.7	102	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	15.9	18.4	116	50 - 150
9CL-PF3ONS	7.44	7.67	103	50 - 150
ADONA	7.51	8.11	108	50 - 150
HFPO-DA (Gen-X)	7.95	7.46	93.8	50 - 150
N-EtFOSA	3.98	3.82	96.2	50 - 150
N-EtFOSAA	3.98	4.13	104	50 - 150
N-EtFOSE	39.8	37.1	93.4	50 - 150
N-MeFOSA	3.98	4.02	101	50 - 150
N-MeFOSAA	3.98	4.24	107	50 - 150
N-MeFOSE	39.8	43.9	110	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.08	6.75	95.4	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.84	3.05	79.5	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.80	3.67	96.7	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.82	4.26	112	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	3.98	4.35	109	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.74	4.02	108	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.95	7.40	93.1	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	7.95	2.49	31.3 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	7.95	7.70	96.9	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.52	3.56	101	50 - 150
Perfluorodecanoic acid (PFDA)	3.98	3.37	84.9	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.86	3.11	80.6	50 - 150
Perfluorododecanoic acid (PFDoA)	3.98	3.70	93.1	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50941	Laboratory ID:	BA50941-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	0.753	0.386	51.2	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.53	1.83	119	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.49	1.62	108	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.51	1.77	117	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	7.97	7.18	90.2	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	7.97	8.10	102	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	1.59	1.95	123	50 - 150
9CL-PF3ONS	0.745	0.520	69.8	50 - 150
ADONA	0.753	0.713	94.7	50 - 150
HFPO-DA (Gen-X)	0.797	0.951	119	50 - 150
N-EtFOSA	0.398	0.444	112	50 - 150
N-EtFOSAA	0.398	0.437	110	50 - 150
N-EtFOSE	3.98	4.15	104	50 - 150
N-MeFOSA	0.398	0.615	154 *	50 - 150
N-MeFOSAA	0.398	0.446	112	50 - 150
N-MeFOSE	3.98	4.18	105	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.709	0.727	103	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	0.384	0.315	82.1	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.380	0.450	118	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	0.382	0.337	88.0	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	0.398	0.510	128	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	0.375	0.490	131	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.797	0.636	79.8	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	0.797	0.392	49.2 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	0.797	0.827	104	50 - 150
Perfluorobutanesulfonic acid (PFBS)	0.353	0.379	107	50 - 150
Perfluorodecanoic acid (PFDA)	0.398	0.382	96.0	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.386	0.394	102	50 - 150
Perfluorododecanoic acid (PFDoA)	0.398	0.461	116	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50941	Laboratory ID:	BA50941-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	5.02 g / 5 mL

COMPOUND	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC. #	QC LIMITS REC.
Perfluoroheptanoic acid (PFHpA)	0.398	0.433	109	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.365	0.404	111	50 - 150
Perfluorohexanoic acid (PFHxA)	0.398	0.414	104	50 - 150
Perfluoro-n-butanoic acid (PFBA)	1.59	1.71	107	50 - 150
Perfluorononanoic acid (PFNA)	0.398	0.267	67.1	50 - 150
Perfluorooctanesulfonic acid (PFOS)	0.371	0.440	119	50 - 150
Perfluorooctanoic acid (PFOA)	0.398	0.384	96.4	50 - 150
Perfluoropentanoic acid (PFPeA)	0.797	0.822	103	50 - 150
Perfluorotetradecanoic acid (PFTA)	0.398	0.367	92.0	50 - 150
Perfluorotridecanoic acid (PFTrDA)	0.398	0.348	87.3	50 - 150
Perfluoroundecanoic acid (PFUnA)	0.398	0.419	105	50 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA51086	Laboratory ID:	BA51086-BS1
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	75.6	79.5	105	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	154	159	104	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	150	154	102	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	152	132	87.0	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	800	895	112	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	800	926	116	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	160	166	104	50 - 150
9CL-PF3ONS	74.8	100	134	50 - 150
ADONA	75.6	108	142	50 - 150
HFPO-DA (Gen-X)	80.0	86.9	109	50 - 150
N-EtFOSA	40.0	30.8	76.9	50 - 150
N-EtFOSAA	40.0	47.4	119	50 - 150
N-EtFOSE	400	364	91.0	50 - 150
N-MeFOSA	40.0	44.6	112	50 - 150
N-MeFOSAA	40.0	43.7	109	50 - 150
N-MeFOSE	400	439	110	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	71.2	70.8	99.5	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	38.6	33.0	85.4	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	38.2	36.3	94.9	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	38.4	39.5	103	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	40.0	40.5	101	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	37.6	37.0	98.4	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	80.0	56.4	70.5	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	19.5	24.4 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	110	137	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	37.5	106	50 - 150
Perfluorodecanoic acid (PFDA)	40.0	36.9	92.2	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	38.8	27.9	71.8	50 - 150
Perfluorododecanoic acid (PFDoA)	40.0	36.7	91.8	50 - 150

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA51086	Laboratory ID:	BA51086-BS2
Preparation:	EPA 1633 Prep	Initial/Final:	500 mL / 5 mL

COMPOUND	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC. #	QC LIMITS REC.
11CL-PF3OUdS	7.56	7.68	102	50 - 150
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.4	17.8	116	50 - 150
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	15.0	16.8	112	50 - 150
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	14.0	92.3	50 - 150
3-Perfluoroheptyl propanoic acid (FHpPA)	80.0	95.2	119	50 - 150
3-Perfluoropentyl propanoic acid (FPePA)	80.0	94.9	119	50 - 150
3-Perfluoropropyl propanoic acid (FPrPA)	16.0	14.5	90.4	50 - 150
9CL-PF3ONS	7.48	9.28	124	50 - 150
ADONA	7.56	9.95	132	50 - 150
HFPO-DA (Gen-X)	8.00	12.2	153 *	50 - 150
N-EtFOSA	4.00	4.68	117	50 - 150
N-EtFOSAA	4.00	4.23	106	50 - 150
N-EtFOSE	40.0	36.8	92.0	50 - 150
N-MeFOSA	4.00	4.11	103	50 - 150
N-MeFOSAA	4.00	4.81	120	50 - 150
N-MeFOSE	40.0	43.7	109	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.12	7.37	104	50 - 150
Perfluoro-1-decanesulfonic acid (PFDS)	3.86	3.22	83.4	50 - 150
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	3.35	87.8	50 - 150
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	4.11	107	50 - 150
Perfluoro-1-octanesulfonamide (FOSA)	4.00	4.42	111	50 - 150
Perfluoro-1-pentanesulfonate (PFPeS)	3.76	4.17	111	50 - 150
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.00	8.43	105	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	8.00	1.38	17.2 *	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	8.00	11.4	142	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.54	3.72	105	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.27	81.9	50 - 150
Perfluorododecanesulfonic acid (PFDoS)	3.88	2.82	72.7	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	4.59	115	50 - 150

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Water	Laboratory ID:	BA51086-BLK2	File ID:	QQQ49212.d
Prepared:	01/18/25 15:35	Preparation:	EPA 1633 Prep	Initial/Final:	542.3 mL / 5 mL
Analyzed:	01/20/25 20:40	Instrument:	LCQQQ		
Batch:	BA51086	Sequence:	S5A2032	Calibration:	SA50002

CAS NO.	COMPOUND	CONC. (ng/L)	Q
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.69	U
307-24-4	Perfluorohexanoic acid (PFHxA)	1.84	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	7.38	U
375-95-1	Perfluorononanoic acid (PFNA)	1.84	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.71	U
335-67-1	Perfluorooctanoic acid (PFOA)	1.84	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.241	J
376-06-7	Perfluorotetradecanoic acid (PFTA)	1.84	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1.84	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.84	U
6009-98-9	Taurochenodeoxycholic Acid (TCDCA)		U
1180-95-6	Taurodeoxycholic Acid (TDCA)		U
14605-22-2	Tauroursodeoxycholic Acid (TUDCA)		U

SYSTEM MONITORING COMPOUND	ADDED (ng/L)	CONC (ng/L)	% REC	QC LIMITS	Q
d3-N-MeFOSAA	46.1	48.0	104	25 - 150	
d5-N-EtFOSAA	46.1	50.8	110	25 - 150	
d7-N-MeFOSE	230	198	86.1	25 - 150	
d9-N-EtFOSE	230	198	85.9	25 - 150	
d-N-EtFOSA	23.0	18.5	80.4	25 - 150	
d-N-MeFOSA	23.0	21.3	92.5	25 - 150	
M2-4:2 FTS	43.2	42.3	97.9	25 - 150	
M2-6:2 FTS	43.8	45.2	103	25 - 200	
M2-8:2 FTS	44.3	43.7	98.8	25 - 200	
M2PFTeDA	11.5	9.09	78.9	10 - 150	
M3HFPO-DA	92.2	89.2	96.7	25 - 150	
M3PFBS	21.5	28.2	131	25 - 150	
M3PFHxS	21.9	28.7	131	25 - 150	
M4PFHpA	23.0	27.7	120	25 - 150	
M5PFHxA	23.0	25.7	111	25 - 150	
M6PFDA	11.5	15.5	135	25 - 150	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49014.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV8	Injection Time:	16:35

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.97	0.9448179	0.8826569		-5.1	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.95	0.1952806	0.1990517		3.7	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.0	1.066086	1.139127		6.9	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	10.7	1.426505	1.597232		13.1	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	65.5	0.1813056	0.1821398		4.6	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	63.6	0.1534032	0.1528496		1.7	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	15.2	1.930729E-02	2.338031E-02		21.8	30	
9CL-PF3ONS	A	9.35	9.62	1.465158	1.44407		2.9	30	
ADONA	A	9.45	9.76	0.5101587	0.5178785		3.3	30	
HFPO-DA (Gen-X)	A	10.0	9.98	2.252066E-02	2.311597E-02		-0.2	30	
N-EtFOSA	A	2.50	2.00	1.095011	0.9760363		-20.1	30	
N-EtFOSAA	A	2.50	2.69	0.9298609	0.915241		7.6	30	
N-EtFOSE	A	25.0	23.4	1.955788	1.867359		-6.3	30	
N-MeFOSA	A	2.50	2.84	0.8199202	0.8823498		13.4	30	
N-MeFOSAA	A	2.50	2.73	0.8324625	0.8592611		9.1	30	
N-MeFOSE	A	25.0	27.8	0.8714412	0.9181273		11.3	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	3.77	1.168917	1.029133		-15.4	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	3.14	0.8623288	1.148496		30.3	30	*
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.22	3.199815	3.141048		-6.7	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.19	0.1537279	0.1554868		32.8	30	*
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.48	1.763448	1.681416		-0.8	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.26	1.410116	1.284505		-3.7	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.30	1.000566E-02	9.602932E-03		-14.0	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49050.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/16/25
Lab Sample ID:	S5A1460-CCVB	Injection Time:	10:23

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.49	0.9448179	0.9341594		0.4	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	11.1	0.1952806	0.2198565		15.6	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.2	1.066086	1.154163		8.4	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.19	1.426505	1.383118		-3.3	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	66.8	0.1813056	0.1856018		6.7	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	67.8	0.1534032	0.1628004		8.3	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	18.2	1.930729E-02	2.695414E-02		45.5	30	*
9CL-PF3ONS	A	9.35	10.4	1.465158	1.565372		11.6	30	
ADONA	A	9.45	10.2	0.5101587	0.5429202		8.3	30	
HFPO-DA (Gen-X)	A	10.0	10.2	2.252066E-02	2.373599E-02		2.5	30	
N-EtFOSA	A	2.50	2.17	1.095011	1.058788		-13.4	30	
N-EtFOSAA	A	2.50	2.66	0.9298609	0.9051369		6.4	30	
N-EtFOSE	A	25.0	24.2	1.955788	1.927231		-3.3	30	
N-MeFOSA	A	2.50	2.85	0.8199202	0.8865165		14.0	30	
N-MeFOSAA	A	2.50	2.96	0.8324625	0.9335092		18.5	30	
N-MeFOSE	A	25.0	28.4	0.8714412	0.9378495		13.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.05	1.168917	1.105986		-9.0	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.39	0.8623288	0.8764532		-0.8	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.27	3.199815	3.205282		-4.7	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.91	0.1537279	0.1601979		21.3	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.83	1.763448	1.915382		13.1	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.31	1.410116	1.308361		-1.9	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.45	1.000566E-02	7.716903E-03		-31.0	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49064.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/16/25
Lab Sample ID:	S5A1460-CCVC	Injection Time:	14:20

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.71	0.9448179	0.9556389		2.7	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.3	0.1952806	0.2050542		7.1	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.99	1.066086	1.135707		6.5	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.87	1.426505	1.338995		-6.6	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	59.0	0.1813056	0.164036		-5.8	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	70.4	0.1534032	0.1689849		12.5	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.9	1.930729E-02	2.749432E-02		43.3	30	*
9CL-PF3ONS	A	9.35	10.4	1.465158	1.566176		11.6	30	
ADONA	A	9.45	10.1	0.5101587	0.5381925		7.4	30	
HFPO-DA (Gen-X)	A	10.0	10.3	2.252066E-02	2.384115E-02		2.9	30	
N-EtFOSA	A	2.50	2.27	1.095011	1.110007		-9.2	30	
N-EtFOSAA	A	2.50	2.58	0.9298609	0.878705		3.3	30	
N-EtFOSE	A	25.0	25.3	1.955788	2.020734		1.4	30	
N-MeFOSA	A	2.50	2.65	0.8199202	0.8234564		5.9	30	
N-MeFOSAA	A	2.50	2.52	0.8324625	0.7923005		0.7	30	
N-MeFOSE	A	25.0	27.5	0.8714412	0.90644		9.9	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.25	1.168917	1.161978		-4.4	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.89	0.8623288	1.058422		20.0	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.27	3.199815	3.21225		-4.5	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.88	0.1537279	0.1539916		19.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.25	1.763448	1.528593		-9.8	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.39	1.410116	1.356167		1.7	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.31	1.000566E-02	9.619205E-03		-13.8	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49032.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/15/25
Lab Sample ID:	S5A1460-CCV9	Injection Time:	22:13

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	14.1	0.9448179	1.386845		48.8	30 *
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.5	0.1952806	0.2096803		9.7	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	11.1	1.066086	1.251604		18.4	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.48	1.426505	1.42415		-0.2	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	57.1	0.1813056	0.1588215		-8.8	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	54.2	0.1534032	0.1302945		-13.5	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	13.3	1.930729E-02	2.141513E-02		6.6	30
9CL-PF3ONS	A	9.35	13.6	1.465158	2.032986		45.0	30 *
ADONA	A	9.45	15.0	0.5101587	0.7968934		59.0	30 *
HFPO-DA (Gen-X)	A	10.0	11.0	2.252066E-02	2.544396E-02		9.9	30
N-EtFOSA	A	2.50	7.97	1.095011	3.872776		219	30 *
N-EtFOSAA	A	2.50	2.75	0.9298609	0.936844		10.1	30
N-EtFOSE	A	25.0	23.8	1.955788	1.899635		-4.7	30
N-MeFOSA	A	2.50	2.59	0.8199202	0.8066537		3.7	30
N-MeFOSAA	A	2.50	2.84	0.8324625	0.8942065		13.6	30
N-MeFOSE	A	25.0	25.9	0.8714412	0.8533329		3.5	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	3.55	1.168917	0.9696913		-20.3	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.71	0.8623288	0.991587		12.4	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.01	3.199815	2.837904		-15.7	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.61	0.1537279	0.1226126		8.6	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.69	1.763448	1.82276		7.6	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.50	1.410116	1.418645		6.3	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.57	1.000566E-02	7.995457E-03		-28.5	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49040.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/16/25
Lab Sample ID:	S5A1460-CCVA	Injection Time:	07:42

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.61	0.9448179	0.8471331		-8.9	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.91	0.1952806	0.1982405		3.2	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.1	1.066086	1.147438		7.7	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.23	1.426505	1.388801		-2.9	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	69.4	0.1813056	0.1928385		10.8	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	69.4	0.1534032	0.1666737		10.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	18.4	1.930729E-02	2.746557E-02		47.5	30	*
9CL-PF3ONS	A	9.35	9.93	1.465158	1.49021		6.2	30	
ADONA	A	9.45	10.4	0.5101587	0.552312		10.2	30	
HFPO-DA (Gen-X)	A	10.0	9.63	2.252066E-02	2.230565E-02		-3.7	30	
N-EtFOSA	A	2.50	1.93	1.095011	0.943714		-22.8	30	
N-EtFOSAA	A	2.50	2.81	0.9298609	0.9560196		12.3	30	
N-EtFOSE	A	25.0	24.4	1.955788	1.942656		-2.5	30	
N-MeFOSA	A	2.50	2.69	0.8199202	0.8374206		7.7	30	
N-MeFOSAA	A	2.50	2.74	0.8324625	0.8625079		9.6	30	
N-MeFOSE	A	25.0	26.4	0.8714412	0.8710422		5.6	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.13	1.168917	1.128224		-7.2	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.19	0.8623288	0.8036246		-9.1	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.10	3.199815	2.965731		-11.9	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.36	0.1537279	0.1426703		-1.5	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.14	1.763448	1.448836		-14.5	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.41	1.410116	1.368561		2.6	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	5.03	1.000566E-02	1.120119E-02		0.5	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49084.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/16/25
Lab Sample ID:	S5A1460-CCVE	Injection Time:	19:43

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.84	0.9448179	0.9685743		4.1	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.1	0.1952806	0.2011649		4.9	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.68	1.066086	1.103349		3.2	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.62	1.426505	1.442646		1.2	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	75.5	0.1813056	0.2098007		20.7	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	72.6	0.1534032	0.174086		15.9	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.9	1.930729E-02	2.839278E-02		43.1	30	*
9CL-PF3ONS	A	9.35	10.7	1.465158	1.610684		14.8	30	
ADONA	A	9.45	10.3	0.5101587	0.5474141		9.2	30	
HFPO-DA (Gen-X)	A	10.0	10.4	2.252066E-02	2.415061E-02		4.3	30	
N-EtFOSA	A	2.50	2.31	1.095011	1.128919		-7.6	30	
N-EtFOSAA	A	2.50	2.64	0.9298609	0.897943		5.5	30	
N-EtFOSE	A	25.0	23.0	1.955788	1.836536		-7.9	30	
N-MeFOSA	A	2.50	2.79	0.8199202	0.8696251		11.8	30	
N-MeFOSAA	A	2.50	2.53	0.8324625	0.7963066		1.2	30	
N-MeFOSE	A	25.0	27.2	0.8714412	0.8961845		8.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.61	1.168917	1.259067		3.6	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.21	0.8623288	0.8094946		-8.4	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.35	3.199815	3.317956		-1.4	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.82	0.1537279	0.1541631		17.6	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.83	1.763448	1.914706		13.1	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.52	1.410116	1.43397		7.4	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.65	1.000566E-02	8.160293E-03		-27.0	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49096.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/16/25
Lab Sample ID:	S5A1460-CCVF	Injection Time:	22:57

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	9.62	0.9448179	0.9473308		1.8	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.6	0.1952806	0.2106077		10.2	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.57	1.066086	1.091439		2.0	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.63	1.426505	1.444564		1.4	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	63.2	0.1813056	0.1758455		1.0	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	69.6	0.1534032	0.1671494		11.3	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.3	1.930729E-02	2.684238E-02		38.2	30	*
9CL-PF3ONS	A	9.35	10.0	1.465158	1.501026		7.0	30	
ADONA	A	9.45	9.56	0.5101587	0.5073512		1.2	30	
HFPO-DA (Gen-X)	A	10.0	8.80	2.252066E-02	2.040233E-02		-12.0	30	
N-EtFOSA	A	2.50	2.11	1.095011	1.031556		-15.6	30	
N-EtFOSAA	A	2.50	2.69	0.9298609	0.9138586		7.4	30	
N-EtFOSE	A	25.0	22.6	1.955788	1.798482		-9.8	30	
N-MeFOSA	A	2.50	2.45	0.8199202	0.7635059		-1.8	30	
N-MeFOSAA	A	2.50	2.70	0.8324625	0.8498315		7.9	30	
N-MeFOSE	A	25.0	26.2	0.8714412	0.8647241		4.9	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.36	1.168917	1.189586		-2.1	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.28	0.8623288	0.8360707		-5.4	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.27	3.199815	3.206112		-4.7	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.66	0.1537279	0.1516694		10.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.77	1.763448	1.879757		11.0	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.34	1.410116	1.330724		-0.2	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.68	1.000566E-02	1.043946E-02		-6.4	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49111.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1460	Injection Date:	01/17/25
Lab Sample ID:	S5A1460-CCVG	Injection Time:	02:58

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.1	0.9448179	0.9958458		7.0	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.68	0.1952806	0.194084		0.9	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	10.0	1.066086	1.13606		6.6	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.41	1.426505	1.414168		-0.9	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	68.5	0.1813056	0.190382		9.4	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	66.1	0.1534032	0.1586116		5.5	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	18.4	1.930729E-02	2.658734E-02		47.3	30	*
9CL-PF3ONS	A	9.35	10.5	1.465158	1.569168		11.8	30	
ADONA	A	9.45	9.80	0.5101587	0.5195782		3.7	30	
HFPO-DA (Gen-X)	A	10.0	9.58	2.252066E-02	2.218454E-02		-4.2	30	
N-EtFOSA	A	2.50	2.29	1.095011	1.117394		-8.5	30	
N-EtFOSAA	A	2.50	2.72	0.9298609	0.9263788		8.9	30	
N-EtFOSE	A	25.0	26.3	1.955788	2.094532		5.1	30	
N-MeFOSA	A	2.50	2.69	0.8199202	0.8376236		7.7	30	
N-MeFOSAA	A	2.50	2.59	0.8324625	0.81422		3.4	30	
N-MeFOSE	A	25.0	27.2	0.8714412	0.8962544		8.7	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.13	1.168917	1.126957		-7.3	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.25	0.8623288	0.823961		-6.7	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.19	3.199815	3.096532		-8.0	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.84	0.1537279	0.1700099		18.3	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.82	1.763448	1.913294		13.0	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.39	1.410116	1.35604		1.6	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.63	1.000566E-02	8.116586E-03		-27.4	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49144.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1724	Injection Date:	01/17/25
Lab Sample ID:	S5A1724-CCV2	Injection Time:	15:21

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	8.91	0.9448179	0.8766801		-5.8	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.2	0.1952806	0.2035571		6.2	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.86	1.066086	1.12173		5.1	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.85	1.426505	1.335598		-6.9	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	55.1	0.1813056	0.1533126		-12.0	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	66.4	0.1534032	0.159521		6.1	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.6	1.930729E-02	2.537952E-02		41.0	30	*
9CL-PF3ONS	A	9.35	10.6	1.465158	1.590565		13.4	30	
ADONA	A	9.45	9.95	0.5101587	0.5280056		5.3	30	
HFPO-DA (Gen-X)	A	10.0	10.4	2.252066E-02	2.407661E-02		4.0	30	
N-EtFOSA	A	2.50	2.24	1.095011	1.094036		-10.5	30	
N-EtFOSAA	A	2.50	2.72	0.9298609	0.9254454		8.8	30	
N-EtFOSE	A	25.0	23.6	1.955788	1.878714		-5.8	30	
N-MeFOSA	A	2.50	2.59	0.8199202	0.8049946		3.5	30	
N-MeFOSAA	A	2.50	2.45	0.8324625	0.7702524		-2.1	30	
N-MeFOSE	A	25.0	27.0	0.8714412	0.8910171		8.1	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.25	1.168917	1.159619		-4.6	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.54	0.8623288	0.9288204		5.2	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.51	3.199815	3.543228		5.4	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.10	0.1537279	0.1612737		29.2	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.98	1.763448	2.017179		19.1	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.47	1.410116	1.404347		5.2	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.48	1.000566E-02	7.77572E-03		-30.5	30	*

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49160.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A1724	Injection Date:	01/17/25
Lab Sample ID:	S5A1724-CCV3	Injection Time:	19:38

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	10.1	0.9448179	0.9929747		6.7	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.97	0.1952806	0.1993752		3.9	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.57	1.066086	1.09125		2.0	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	9.45	1.426505	1.419486		-0.5	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	65.8	0.1813056	0.1829278		5.1	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	68.9	0.1534032	0.1653015		10.0	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.1	1.930729E-02	2.610336E-02		37.0	30 *
9CL-PF3ONS	A	9.35	10.1	1.465158	1.520029		8.3	30
ADONA	A	9.45	9.75	0.5101587	0.5173398		3.2	30
HFPO-DA (Gen-X)	A	10.0	10.6	2.252066E-02	0.0244556		5.6	30
N-EtFOSA	A	2.50	2.37	1.095011	1.156891		-5.3	30
N-EtFOSAA	A	2.50	2.41	0.9298609	0.821513		-3.4	30
N-EtFOSE	A	25.0	23.1	1.955788	1.843493		-7.5	30
N-MeFOSA	A	2.50	2.78	0.8199202	0.8643804		11.1	30
N-MeFOSAA	A	2.50	2.70	0.8324625	0.8512805		8.1	30
N-MeFOSE	A	25.0	27.3	0.8714412	0.9008034		9.2	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.46	1.168917	1.217999		0.2	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.83	0.8623288	1.034666		17.3	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.78	3.199815	3.920255		16.7	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	3.35	0.1537279	0.1628264		39.8	30 *
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.98	1.763448	2.017554		19.2	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.48	1.410116	1.411209		5.7	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	4.39	1.000566E-02	9.791089E-03		-12.3	30

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49209.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A2032	Injection Date:	01/20/25
Lab Sample ID:	S5A2032-CCV3	Injection Time:	19:52

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
11CL-PF3OUdS	A	9.45	10.2	0.9448179	1.002		7.7	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	9.93	0.1952806	0.1986833		3.5	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.66	1.066086	1.100389		2.9	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.13	1.426505	1.233832		-14.5	30	
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	73.4	0.1813056	0.2039137		17.3	30	
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	73.5	0.1534032	0.1763617		17.4	30	
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	18.9	1.930729E-02	3.071259E-02		51.5	30	*
9CL-PF3ONS	A	9.35	11.8	1.465158	1.768853		26.1	30	
ADONA	A	9.45	12.6	0.5101587	0.6677488		33.2	30	*
HFPO-DA (Gen-X)	A	10.0	10.8	2.252066E-02	2.503239E-02		8.1	30	
N-EtFOSA	A	2.50	2.28	1.095011	1.112562		-8.9	30	
N-EtFOSAA	A	2.50	2.58	0.9298609	0.8777371		3.2	30	
N-EtFOSE	A	25.0	22.2	1.955788	1.770407		-11.2	30	
N-MeFOSA	A	2.50	2.64	0.8199202	0.8226683		5.8	30	
N-MeFOSAA	A	2.50	2.89	0.8324625	0.9092121		15.5	30	
N-MeFOSE	A	25.0	28.2	0.8714412	0.9308602		12.9	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	4.44	1.168917	1.213171		-0.2	30	
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.35	0.8623288	0.8603169		-2.6	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	2.10	3.199815	2.976556		-11.6	30	
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.48	0.1537279	0.1419857		3.2	30	
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.48	1.763448	1.679798		-0.9	30	
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.30	1.410116	1.30706		-2.0	30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	5.11	1.000566E-02	0.0113952		2.3	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	LCQQQ	Calibration:	SA50002
Lab File ID:	QQQ49225.d	Calibration Date:	12/31/24 08:00
Sequence:	S5A2032	Injection Date:	01/21/25
Lab Sample ID:	S5A2032-CCV4	Injection Time:	00:09

COMPOUND	TYPE	CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11CL-PF3OUdS	A	9.45	11.5	0.9448179	1.134782		21.9	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	A	9.60	10.5	0.1952806	0.2094092		9.6	30
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	A	9.38	9.88	1.066086	1.124289		5.4	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	A	9.50	8.59	1.426505	1.300119		-9.5	30
3-Perfluoroheptyl propanoic acid (FHpPA)	A	62.6	68.6	0.1813056	0.1905378		9.5	30
3-Perfluoropentyl propanoic acid (FPePA)	A	62.6	68.2	0.1534032	0.163768		9.0	30
3-Perfluoropropyl propanoic acid (FPrPA)	A	12.5	17.1	1.930729E-02	2.645485E-02		36.8	30 *
9CL-PF3ONS	A	9.35	11.5	1.465158	1.732404		23.5	30
ADONA	A	9.45	12.4	0.5101587	0.6585623		31.4	30 *
HFPO-DA (Gen-X)	A	10.0	9.25	2.252066E-02	2.142302E-02		-7.5	30
N-EtFOSA	A	2.50	2.27	1.095011	1.110265		-9.1	30
N-EtFOSAA	A	2.50	2.64	0.9298609	0.8984747		5.6	30
N-EtFOSE	A	25.0	23.8	1.955788	1.895808		-4.9	30
N-MeFOSA	A	2.50	2.65	0.8199202	0.8238305		5.9	30
N-MeFOSAA	A	2.50	2.85	0.8324625	0.8967324		13.9	30
N-MeFOSE	A	25.0	28.7	0.8714412	0.9482789		15.0	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	A	4.45	3.76	1.168917	1.026639		-15.6	30
Perfluoro-1-decanesulfonic acid (PFDS)	A	2.41	2.35	0.8623288	0.8612748		-2.5	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	A	2.38	1.76	3.199815	2.486561		-26.2	30
Perfluoro-1-nonanesulfonic acid (PFNS)	A	2.40	2.40	0.1537279	0.1349713		-0.2	30
Perfluoro-1-octanesulfonamide (FOSA)	A	2.50	2.52	1.763448	1.71017		0.9	30
Perfluoro-1-pentanesulfonate (PFPeS)	A	2.35	2.30	1.410116	1.305603		-2.1	30
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	A	5.00	3.48	1.000566E-02	7.776092E-03		-30.5	30 *

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1460-LCV1
Sequence: S5A1460
Standard ID: S24L331

HFPO-DA (Gen-X)	0.800	0.848	6.1	30.00
11CL-PF3OUdS	0.756	0.721	-4.6	30.00
9CL-PF3ONS	0.748	0.757	1.3	30.00
ADONA	0.756	0.765	1.2	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.179	-7.7	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.194	1.2	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	1.00	1.45	45.2 *	30.00
3-Perfluoropentyl propanoic acid (FPePA)	5.00	5.69	13.8	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	5.79	15.8	30.00
N-MeFOSE	2.00	2.21	10.4	30.00
N-MeFOSA	0.200	0.230	15.2	30.00
N-EtFOSE	2.00	1.90	-5.2	30.00
N-EtFOSA	0.200	0.209	4.6	30.00
M3PFBS	2.33	2.40	2.8	
M5PFHxA	2.50	2.64	5.7	
M4PFHpA	2.50	2.76	10.6	
M3PFHxS	2.37	2.53	6.6	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.98	19.1	
M6PFDA	1.25	1.38	10.5	
M7PFUdA	1.25	1.30	3.7	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.39	11.2	
M2PFTeDA	1.25	1.37	9.4	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	8.93	-10.7	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.76	14.9	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	5.56	11.1	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.61	4.3	
d3-N-MeFOSAA	5.00	4.83	-3.5	
d5-N-EtFOSAA	5.00	5.24	4.9	
M2-6:2 FTS	4.76	4.24	-10.9	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1724-LCV1
Sequence: S5A1724
Standard ID: S24L331

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
Perfluorobutanesulfonic acid (PFBS)	0.177	0.213	20.4	30.00
Perfluorohexanoic acid (PFHxA)	0.200	0.238	19.0	30.00
Perfluoroheptanoic acid (PFHpA)	0.200	0.230	15.1	30.00
Perfluorohexanesulfonic acid (PFHxS)	0.183	0.211	15.2	30.00
Perfluorooctanoic acid (PFOA)	0.200	0.204	1.9	30.00
Perfluorooctanesulfonic acid (PFOS)	0.186	0.300	61.1 *	30.00
Perfluorononanoic acid (PFNA)	0.200	0.190	-4.9	30.00
Perfluorodecanoic acid (PFDA)	0.200	0.177	-11.3	30.00
Perfluoroundecanoic acid (PFUnA)	0.200	0.193	-3.4	30.00
Perfluorododecanoic acid (PFDoA)	0.200	0.184	-7.8	30.00
Perfluorotridecanoic acid (PFTrDA)	0.200	0.277	38.7 *	30.00
Perfluorotetradecanoic acid (PFTA)	0.200	0.186	-7.0	30.00
N-MeFOSAA	0.200	0.268	33.9 *	30.00
N-EtFOSAA	0.200	0.234	17.2	30.00
Perfluoropentanoic acid (PFPeA)	0.400	0.428	6.9	30.00
Perfluoro-1-octanesulfonamide (FOSA)	0.200	0.228	14.1	30.00
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.191	0.175	-8.6	30.00
Perfluoro-1-decanesulfonic acid (PFDS)	0.193	0.154	-20.0	30.00
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.760	0.807	6.2	30.00
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.768	0.801	4.3	30.00
Perfluoro-n-butanoic acid (PFBA)	0.800	0.862	7.8	30.00
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.356	0.407	14.3	30.00
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.279	-30.3 *	30.00
Perfluoro-4-oxapentanoic acid (PFMPA)	0.400	0.433	8.3	30.00
Perfluoro-5-oxahexanoic acid (PFMBA)	0.400	0.425	6.2	30.00
Perfluoro-1-pentanesulfonate (PFPeS)	0.188	0.206	9.6	30.00
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.750	0.856	14.2	30.00

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A1724-LCV1
Sequence: S5A1724
Standard ID: S24L331

HFPO-DA (Gen-X)	0.800	0.979	22.4	30.00
11CL-PF3OUdS	0.756	0.748	-1.0	30.00
9CL-PF3ONS	0.748	0.863	15.4	30.00
ADONA	0.756	0.851	12.6	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.154	-20.6	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.240	25.0	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	1.00	1.56	55.7 *	30.00
3-Perfluoropentyl propanoic acid (FPePA)	5.00	5.99	19.8	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	6.34	26.9	30.00
N-MeFOSE	2.00	2.35	17.5	30.00
N-MeFOSA	0.200	0.228	13.9	30.00
N-EtFOSE	2.00	2.11	5.3	30.00
N-EtFOSA	0.200	0.180	-10.1	30.00
M3PFBS	2.33	2.48	6.3	
M5PFHxA	2.50	2.35	-6.1	
M4PFHpA	2.50	2.46	-1.5	
M3PFHxS	2.37	2.71	14.5	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.43	-3.0	
M6PFDA	1.25	1.39	10.8	
M7PFUdA	1.25	1.35	8.2	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.20	-3.7	
M2PFTeDA	1.25	1.03	-17.3	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	9.16	-8.4	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.56	6.7	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	5.16	3.2	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.51	0.4	
d3-N-MeFOSAA	5.00	4.86	-2.7	
d5-N-EtFOSAA	5.00	5.53	10.6	
M2-6:2 FTS	4.76	3.89	-18.2	

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A2032-LCV1
Sequence: S5A2032
Standard ID: S24L331

ANALYTE	EXPECTED (ng/mL)	FOUND (ng/mL)	% DRIFT	QC LIMIT
Perfluorobutanesulfonic acid (PFBS)	0.177	0.184	3.8	30.00
Perfluorohexanoic acid (PFHxA)	0.200	0.237	18.6	30.00
Perfluoroheptanoic acid (PFHpA)	0.200	0.233	16.6	30.00
Perfluorohexanesulfonic acid (PFHxS)	0.183	0.199	8.9	30.00
Perfluorooctanoic acid (PFOA)	0.200	0.211	5.3	30.00
Perfluorooctanesulfonic acid (PFOS)	0.186	0.299	61.0 *	30.00
Perfluorononanoic acid (PFNA)	0.200	0.200	0.2	30.00
Perfluorodecanoic acid (PFDA)	0.200	0.170	-15.0	30.00
Perfluoroundecanoic acid (PFUnA)	0.200	0.245	22.5	30.00
Perfluorododecanoic acid (PFDoA)	0.200	0.193	-3.4	30.00
Perfluorotridecanoic acid (PFTrDA)	0.200	0.273	36.6 *	30.00
Perfluorotetradecanoic acid (PFTA)	0.200	0.223	11.7	30.00
N-MeFOSAA	0.200	0.256	28.1	30.00
N-EtFOSAA	0.200	0.219	9.7	30.00
Perfluoropentanoic acid (PFPeA)	0.400	0.429	7.2	30.00
Perfluoro-1-octanesulfonamide (FOSA)	0.200	0.197	-1.5	30.00
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.191	0.159	-17.0	30.00
Perfluoro-1-decanesulfonic acid (PFDS)	0.193	0.199	2.9	30.00
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.760	0.700	-7.9	30.00
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.768	0.862	12.2	30.00
Perfluoro-n-butanoic acid (PFBA)	0.800	0.887	10.9	30.00
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.356	0.391	9.9	30.00
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.400	0.270	-32.4 *	30.00
Perfluoro-4-oxapentanoic acid (PFMPA)	0.400	0.430	7.4	30.00
Perfluoro-5-oxahexanoic acid (PFMBA)	0.400	0.391	-2.1	30.00
Perfluoro-1-pentanesulfonate (PFPeS)	0.188	0.214	13.8	30.00
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	0.750	0.816	8.8	30.00

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 1633 Draft 3

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SA50002
Laboratory ID: S5A2032-LCV1
Sequence: S5A2032
Standard ID: S24L331

HFPO-DA (Gen-X)	0.800	0.824	3.0	30.00
11CL-PF3OUdS	0.756	1.50	98.4 *	30.00
9CL-PF3ONS	0.748	1.43	91.0 *	30.00
ADONA	0.756	1.69	124 *	30.00
Perfluorododecanesulfonic acid (PFDoS)	0.194	0.177	-8.7	30.00
Perfluoro-1-nonanesulfonic acid (PFNS)	0.192	0.193	0.3	30.00
3-Perfluoropropyl propanoic acid (FPrPA)	1.00	1.57	57.2 *	30.00
3-Perfluoropentyl propanoic acid (FPePA)	5.00	6.38	27.7	30.00
3-Perfluoroheptyl propanoic acid (FHpPA)	5.00	6.37	27.4	30.00
N-MeFOSE	2.00	2.51	25.7	30.00
N-MeFOSA	0.200	0.227	13.3	30.00
N-EtFOSE	2.00	2.07	3.5	30.00
N-EtFOSA	0.200	0.172	-14.1	30.00
M3PFBS	2.33	2.66	14.3	
M5PFHxA	2.50	2.37	-5.0	
M4PFHpA	2.50	2.21	-11.6	
M3PFHxS	2.37	2.60	9.6	
Perfluoro-n-[13C8]octanoic acid (M8PFOA)	2.50	2.71	8.5	
M6PFDA	1.25	1.30	3.9	
M7PFUdA	1.25	1.20	-3.9	
Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	1.25	1.11	-10.8	
M2PFTeDA	1.25	0.823	-34.2	
Perfluoro-n-[13C4]butanoic acid (MPFBA)	10.0	9.00	-10.0	
Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	2.40	2.78	15.9	
Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	5.00	5.56	11.2	
Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	2.50	2.38	-5.0	
d3-N-MeFOSAA	5.00	5.14	2.7	
d5-N-EtFOSAA	5.00	5.47	9.3	
M2-6:2 FTS	4.76	5.11	7.5	

FORM I

METHOD BLANK DATA SHEET

EPA 1633 Draft 3

Laboratory:	York Analytical Laboratories, Inc. - Stratford			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Water	Laboratory ID:	BA51086-BLK2	File ID:	QQQ49212.d
Prepared:	01/18/25 15:35	Preparation:	EPA 1633 Prep	Initial/Final:	542.3 mL / 5 mL
Analyzed:	01/20/25 20:40	Instrument:	LCQQQ		
Batch:	BA51086	Sequence:	S5A2032	Calibration:	SA50002

CAS NO.	COMPOUND	CONC. (ng/L)	Q
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.63	U
307-24-4	Perfluorohexanoic acid (PFHxA)	1.84	U
375-85-9	Perfluoroheptanoic acid (PFHpA)	1.84	U
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.69	U
335-67-1	Perfluorooctanoic acid (PFOA)	1.84	U
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.71	U
375-95-1	Perfluorononanoic acid (PFNA)	1.84	U
335-76-2	Perfluorodecanoic acid (PFDA)	1.84	U
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.84	U
307-55-1	Perfluorododecanoic acid (PFDoA)	1.84	U
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	1.84	U
376-06-7	Perfluorotetradecanoic acid (PFTA)	1.84	U
2355-31-9	N-MeFOSAA	1.84	U
2991-50-6	N-EtFOSAA	1.84	U
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.241	J
754-91-6	Perfluoro-1-octanesulfonamide (FOSA)	1.84	U
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	1.76	U
335-77-3	Perfluoro-1-decanesulfonic acid (PFDS)	1.78	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	7.01	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	7.08	U
375-22-4	Perfluoro-n-butanoic acid (PFBA)	7.38	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.28	U
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	3.69	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	3.69	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	3.69	U
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	1.73	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	6.91	U
13252-13-6	HFPO-DA (Gen-X)	7.38	U
763051-92-9	11CL-PF3OUdS	6.97	U
756426-58-1	9CL-PF3ONS	6.90	U

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8081B

MW004

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Batch: BA50856
Laboratory ID: BA50856-MSD1
Preparation: EPA SW846-3510C Low Level
Initial/Final: 1000 mL / 1 mL

Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-Chlordane [2C]	0.100	0.0513	51.3	2.12	20	30 - 150
Heptachlor	0.100	0.0874	87.4	28.4 *	20	30 - 150
Heptachlor [2C]	0.100	0.0570	57.0	2.11	20	30 - 150
Heptachlor epoxide	0.100	0.0642	64.2	0.677	20	30 - 150
Heptachlor epoxide [2C]	0.100	0.0563	56.3	0.408	20	30 - 150
Methoxychlor	0.100	0.0867	86.7	1.01	20	30 - 150
Methoxychlor [2C]	0.100	0.105	105	2.84	20	30 - 150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

SB006 (0-2 IN)

Laboratory:	York Analytical Laboratories, Inc. - St			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Soil	Laboratory ID:	25A0590-01	File ID:	P8-4002486.D
Sampled:	01/09/25 09:30	Prepared:	01/14/25 08:24	Analyzed:	01/14/25 19:38
Solids:	83.23	Preparation:	EPA 3550C	Initial/Final:	30.1 g / 10 mL
Batch:	BA50758	Sequence:	S5A1507	Calibration:	SA50030
Instrument:	Pest#8				

CAS NO.	COMPOUND	DILUTION	COL 1 (mg/kg dry)	COL 2 (mg/kg dry)	% Diff	Q
72-54-8	4,4'-DDD	5	0.00198	0.00198		U
72-55-9	4,4'-DDE	5	0.0386	0.0347	10.64	D
50-29-3	4,4'-DDT	5	0.0452	0.0341	27.99	D
309-00-2	Aldrin	5	0.00198	0.00198		U
319-84-6	alpha-BHC	5	0.00198	0.00198		U
5103-71-9	alpha-Chlordane	5	0.00198	0.00198		U
319-85-7	beta-BHC	5	0.00198	0.00198		U
319-86-8	delta-BHC	5	0.00198	0.00198		U
60-57-1	Dieldrin	5	0.00232	0.00198		D
959-98-8	Endosulfan I	5	0.00198	0.00198		U
33213-65-9	Endosulfan II	5	0.00198	0.00198		U
1031-07-8	Endosulfan sulfate	5	0.00198	0.00198		U
72-20-8	Endrin	5	0.00198	0.00198		U
7421-93-4	Endrin aldehyde	5	0.00198	0.00198		U
53494-70-5	Endrin ketone	5	0.00198	0.00198		U
58-89-9	gamma-BHC (Lindane)	5	0.00198	0.00198		U
5566-34-7	gamma-Chlordane	5	0.00198	0.00198		U
76-44-8	Heptachlor	5	0.00198	0.00198		U
1024-57-3	Heptachlor epoxide	5	0.00198	0.00198		U
72-43-5	Methoxychlor	5	0.00198	0.00198		U
8001-35-2	Toxaphene	5	0.198	0.198		U
57-74-9	Chlordane, total	5	0.0395	0.0395		U

SYSTEM MONITORING COMPOUND	ADDED (mg/kg dry)	CONC (mg/kg dry)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.0798	0.0662	82.9	30 - 150	
Tetrachloro-m-xylene	0.0798	0.0604	75.7	30 - 150	

* Values outside of QC limits

SECOND COLUMN PESTICIDES ANALYSIS DATA SHEET

MW002

Laboratory:	York Analytical Laboratories, Inc. - St			SDG:	25A0590
Client:	H2M architects + engineers			Project:	ORFD2301
Matrix:	Ground Water	Laboratory ID:	25A0590-09	File ID:	P20527095.d
Sampled:	01/09/25 14:00	Prepared:	01/15/25 08:40	Analyzed:	01/15/25 21:14
Solids:		Preparation:	EPA SW846-3510C Low Le	Initial/Final:	1000 mL / 1 mL
Batch:	BA50856	Sequence:	S5A1604	Calibration:	SA50019
Instrument:	GC_5890_I				

CAS NO.	COMPOUND	DILUTION	COL 1 (ug/L)	COL 2 (ug/L)	% Diff	Q
72-54-8	4,4'-DDD	1	0.00400	0.00400		U
72-55-9	4,4'-DDE	1	0.00407	0.00466	13.52	
50-29-3	4,4'-DDT	1	0.00508	0.00693	30.81	
309-00-2	Aldrin	1	0.00400	0.00400		U
319-84-6	alpha-BHC	1	0.00400	0.00400		U
5103-71-9	alpha-Chlordane	1	0.00400	0.00400		U
319-85-7	beta-BHC	1	0.00400	0.00400		U
319-86-8	delta-BHC	1	0.00400	0.00400		U
60-57-1	Dieldrin	1	0.00582	0.00523	10.68	
959-98-8	Endosulfan I	1	0.00400	0.00400		U
33213-65-9	Endosulfan II	1	0.00400	0.00400		U
1031-07-8	Endosulfan sulfate	1	0.00400	0.00400		U
72-20-8	Endrin	1	0.00400	0.00400		U
7421-93-4	Endrin aldehyde	1	0.0100	0.0100		U
53494-70-5	Endrin ketone	1	0.0100	0.0100		U
58-89-9	gamma-BHC (Lindane)	1	0.00400	0.00400		U
5566-34-7	gamma-Chlordane	1	0.0100	0.0100		U
76-44-8	Heptachlor	1	0.00400	0.00400		U
1024-57-3	Heptachlor epoxide	1	0.00400	0.00400		U
72-43-5	Methoxychlor	1	0.00400	0.00400		U
8001-35-2	Toxaphene	1	0.100	0.100		U
57-74-9	Chlordane, total	1	0.200	0.200		U
57-74-9	Chlordane, total (alpha, gamma)	1	0.0100	0.0100		U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Decachlorobiphenyl	0.200	0.0944	47.2	30 - 150	
Tetrachloro-m-xylene	0.200	0.0791	39.6	30 - 150	

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	Pest#8	Calibration:	SA50030
Lab File ID:	P8-4002506.D	Calibration Date:	01/15/25 10:46
Sequence:	S5A1507	Injection Date:	01/15/25
Lab Sample ID:	S5A1507-CCV4	Injection Time:	00:01

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endrin ketone [2C]	A	50.0	49.7	3.027635E+07	2.4802E+07		-0.6	20	
gamma-BHC (Lindane)	A	50.0	54.5	1.589791E+08	1.52606E+08		9.0	20	
gamma-BHC (Lindane) [2C]	A	50.0	50.7	3.484553E+07	3.123E+07		1.5	20	
gamma-Chlordane	A	50.0	50.1	1.590222E+08	1.38066E+08		0.2	20	
gamma-Chlordane [2C]	A	50.0	49.8	3.384776E+07	2.9208E+07		-0.4	20	
Heptachlor	A	50.0	63.2	1.270604E+08	1.3999E+08		26.3	20	*
Heptachlor [2C]	A	50.0	51.0	3.047838E+07	2.651E+07		2.0	20	
Heptachlor epoxide	A	50.0	53.3	1.42977E+08	1.30304E+08		6.5	20	
Heptachlor epoxide [2C]	A	50.0	50.1	3.19169E+07	2.7512E+07		0.2	20	
Methoxychlor	A	50.0	60.2	4.891014E+07	4.6076E+07		20.4	20	*
Methoxychlor [2C]	A	50.0	48.3	1.408757E+07	1.0346E+07		-3.5	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20527071.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1604	Injection Date:	01/15/25
Lab Sample ID:	S5A1604-CCV2	Injection Time:	11:55

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane, total	A	1000	1280	1063877	1494200		28.1	20 *
Chlordane, total [2C]	A	1000	1050	1199643	1139800		4.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20527072.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1604	Injection Date:	01/15/25
Lab Sample ID:	S5A1604-CCV3	Injection Time:	12:11

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	2970	6963800	8253900		48.4	20 *
Toxaphene [2C]	A	2000	2280	9434627	9128800		14.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20527097.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1604	Injection Date:	01/15/25
Lab Sample ID:	S5A1604-CCV5	Injection Time:	21:45

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	A	50.0	54.9	1.505495E+07	1.3452E+07		9.9	
gamma-BHC (Lindane)	A	50.0	52.4	1.701589E+07	1.6754E+07		4.8	20
gamma-BHC (Lindane) [2C]	A	50.0	55.3	1.875511E+07	1.9058E+07		10.5	
gamma-Chlordane	A	50.0	51.3	1.530469E+07	1.4412E+07		2.5	20
gamma-Chlordane [2C]	A	50.0	52.4	1.716225E+07	1.5934E+07		4.8	
Heptachlor	A	50.0	55.0	1.56561E+07	1.5884E+07		9.9	20
Heptachlor [2C]	A	50.0	56.5	1.654731E+07	1.6556E+07		12.9	
Heptachlor epoxide	A	50.0	52.0	1.454676E+07	1.3796E+07		4.1	20
Heptachlor epoxide [2C]	A	50.0	53.4	1.588415E+07	1.4876E+07		6.8	
Methoxychlor	A	50.0	66.7	4250726	5190000		33.4	20 *
Methoxychlor [2C]	A	50.0	65.8	4976700	5630000		31.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	GC_5890_I	Calibration:	SA50019
Lab File ID:	P20527105.d	Calibration Date:	01/13/25 12:58
Sequence:	S5A1604	Injection Date:	01/15/25
Lab Sample ID:	S5A1604-CCV6	Injection Time:	23:48

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	A	50.0	55.9	1.505495E+07	1.3698E+07		11.7	
gamma-BHC (Lindane)	A	50.0	52.8	1.701589E+07	1.6886E+07		5.6	20
gamma-BHC (Lindane) [2C]	A	50.0	55.6	1.875511E+07	1.9174E+07		11.1	
gamma-Chlordane	A	50.0	50.5	1.530469E+07	1.4192E+07		1.1	20
gamma-Chlordane [2C]	A	50.0	51.7	1.716225E+07	1.5706E+07		3.4	
Heptachlor	A	50.0	54.8	1.56561E+07	1.5828E+07		9.6	20
Heptachlor [2C]	A	50.0	56.0	1.654731E+07	1.6414E+07		12.0	
Heptachlor epoxide	A	50.0	51.4	1.454676E+07	1.3608E+07		2.8	20
Heptachlor epoxide [2C]	A	50.0	52.5	1.588415E+07	1.4602E+07		5.0	
Methoxychlor	A	50.0	67.9	4250726	5298000		35.8	20 *
Methoxychlor [2C]	A	50.0	67.7	4976700	5808000		35.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8081B

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	PEST7	Calibration:	SA50014
Lab File ID:	P7035327.D	Calibration Date:	01/09/25 17:40
Sequence:	S5A1622	Injection Date:	01/16/25
Lab Sample ID:	S5A1622-CCV3	Injection Time:	09:35

		CONC. (ng/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	2000	2520	2.755435E+07	2.867745E+07		26.0	20 *
Toxaphene [2C]	A	2000	2170	9.304875E+07	8.2093E+07		8.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW004

EPA 8082A

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Water		
Batch:	BA50856	Laboratory ID:	BA50856-MSD2
Preparation:	EPA SW846-3510C Low Level	Initial/Final:	1000 mL / 1 mL

Source Sample Name: MW004

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor 1016	1.00	0.644	64.4	14.1	20	40 - 140
Aroclor 1016 [2C]	1.00	0.609	60.9	2.24	50	40 - 140
Aroclor 1260	1.00	0.601	60.1	27.3 *	20	40 - 140
Aroclor 1260 [2C]	1.00	0.613	61.3	1.46	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Soil
Batch: BA50799
Laboratory ID: BA50799-SRM1
Preparation: EPA 3050B
Initial/Final: 0.6 g / 50 mL

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Aluminum	7680	6000	78.1	35.7 - 119
Antimony	244	73.0	29.9	0 - 125
Arsenic	283	225	79.4	70 - 99.5
Barium	326	290	88.9	73.9 - 107.1
Beryllium	175	154	88.3	75.4 - 107.4
Cadmium	95.8	77.2	80.6	72.3 - 103.7
Calcium	5470	4870	89.1	79.5 - 113.2
Chromium	239	214	89.4	72.4 - 106.3
Cobalt	150	131	87.5	76 - 107.3
Copper	217	202	93.2	74.6 - 105.1
Iron	7360	5720	77.7	53 - 127.9
Lead	210	174	82.8	75.7 - 109.5
Magnesium	2080	1730	83.1	67.3 - 111.1
Manganese	290	240	82.6	73.4 - 107.3
Nickel	329	287	87.4	74.5 - 106.7
Potassium	2330	1880	80.5	60.9 - 111.6
Selenium	281	249	88.6	77.6 - 115.7
Silver	82.7	67.3	81.4	73.8 - 111.7
Sodium	427	360	84.2	71.2 - 118.7
Thallium	123	106	86.5	70.2 - 104.9
Vanadium	192	163	85.0	68.8 - 107.8
Zinc	260	215	82.7	72.7 - 109.2

* Values outside of QC limits

SERIAL DILUTION

EPA 6010D

MW004

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Matrix: Water
Laboratory ID: S5A1517-SRD6
Sequence: S5A1517
Lab Source ID: 25A0590-11
Preparation: BA50855
Initial/Final: 45 / 50
Source Sample Name: MW004
% Solids:

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Aluminum	0.196		0.286		45.6 *		EPA 6010D	10
Barium	0.0368		ND				EPA 6010D	10
Calcium	27.4		35.1		28.1 *		EPA 6010D	10
Chromium	ND		ND				EPA 6010D	10
Cobalt	0.00567		ND				EPA 6010D	10
Copper	ND		ND				EPA 6010D	10
Iron	ND		ND				EPA 6010D	10
Lead	ND		ND				EPA 6010D	10
Magnesium	7.96		10.2		27.8 *		EPA 6010D	10
Manganese	0.630		0.776		23.2 *		EPA 6010D	10
Nickel	ND		ND				EPA 6010D	10
Potassium	2.67		4.05		51.7 *		EPA 6010D	10
Silver	ND		ND				EPA 6010D	10
Sodium	18.5		24.2		30.6 *		EPA 6010D	10
Vanadium	ND		ND				EPA 6010D	10
Zinc	ND		ND				EPA 6010D	10

* Values outside of QC limits

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1517 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-ICB1	Aluminum	0.0263	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	-0.0214	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000200	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.00160	0.0200	ug/mL		EPA 6010D
	Iron	0.0256	0.250	ug/mL		EPA 6010D
	Lead	-0.000900	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00570	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000200	0.0100	ug/mL		EPA 6010D
	Potassium	0.139	0.0500	ug/mL	*	EPA 6010D
	Silver	0.00140	0.00500	ug/mL		EPA 6010D
	Sodium	-0.0143	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000400	0.0250	ug/mL		EPA 6010D
S5A1517-CCB1	Aluminum	0.00920	0.0500	ug/mL		EPA 6010D
	Barium	0.00	0.0250	ug/mL		EPA 6010D
	Calcium	0.00100	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000200	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.00150	0.0200	ug/mL		EPA 6010D
	Iron	0.0198	0.250	ug/mL		EPA 6010D
	Lead	-0.000500	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00240	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000200	0.0100	ug/mL		EPA 6010D
	Potassium	0.0785	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000700	0.00500	ug/mL		EPA 6010D
	Sodium	-0.00790	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000100	0.0250	ug/mL		EPA 6010D
S5A1517-CCB9	Aluminum	0.0192	0.0500	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1517 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCB9	Barium	0.00130	0.0250	ug/mL		EPA 6010D
	Calcium	0.0248	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000600	0.00400	ug/mL		EPA 6010D
	Copper	0.00100	0.0200	ug/mL		EPA 6010D
	Iron	0.0299	0.250	ug/mL		EPA 6010D
	Lead	0.000800	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00600	0.0500	ug/mL		EPA 6010D
	Manganese	0.000500	0.00500	ug/mL		EPA 6010D
	Nickel	0.000500	0.0100	ug/mL		EPA 6010D
	Potassium	0.0470	0.0500	ug/mL		EPA 6010D
	Silver	0.000900	0.00500	ug/mL		EPA 6010D
	Sodium	0.0776	0.500	ug/mL		EPA 6010D
	Vanadium	0.000500	0.0100	ug/mL		EPA 6010D
	Zinc	0.00150	0.0250	ug/mL		EPA 6010D
S5A1517-CCBA	Aluminum	0.0207	0.0500	ug/mL		EPA 6010D
	Barium	0.00130	0.0250	ug/mL		EPA 6010D
	Calcium	0.0291	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000400	0.00400	ug/mL		EPA 6010D
	Copper	0.00140	0.0200	ug/mL		EPA 6010D
	Iron	0.0254	0.250	ug/mL		EPA 6010D
	Lead	0.000500	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00640	0.0500	ug/mL		EPA 6010D
	Manganese	0.000600	0.00500	ug/mL		EPA 6010D
	Nickel	0.00120	0.0100	ug/mL		EPA 6010D
	Potassium	0.146	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000600	0.00500	ug/mL		EPA 6010D
	Sodium	0.0170	0.500	ug/mL		EPA 6010D
	Vanadium	0.000900	0.0100	ug/mL		EPA 6010D
	Zinc	0.00210	0.0250	ug/mL		EPA 6010D
S5A1517-CCBB	Aluminum	0.0126	0.0500	ug/mL		EPA 6010D
	Barium	0.00110	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1517
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCBB	Calcium	0.0255	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000300	0.00400	ug/mL		EPA 6010D
	Copper	0.000700	0.0200	ug/mL		EPA 6010D
	Iron	0.000700	0.250	ug/mL		EPA 6010D
	Lead	0.000800	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00830	0.0500	ug/mL		EPA 6010D
	Manganese	0.000500	0.00500	ug/mL		EPA 6010D
	Nickel	0.000300	0.0100	ug/mL		EPA 6010D
	Potassium	0.0770	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000400	0.00500	ug/mL		EPA 6010D
	Sodium	0.0181	0.500	ug/mL		EPA 6010D
	Vanadium	0.000500	0.0100	ug/mL		EPA 6010D
	Zinc	0.00140	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-ICB1	Aluminum	0.026	0.050	ug/mL		EPA 6010D
	Antimony	-0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00005	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	-0.021	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.026	0.250	ug/mL		EPA 6010D
	Lead	-0.0009	0.005	ug/mL		EPA 6010D
	Magnesium	-0.006	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.139	0.050	ug/mL	*	EPA 6010D
	Selenium	0.001	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	-0.014	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	-0.0004	0.025	ug/mL		EPA 6010D
S5A1518-CCB1	Aluminum	0.009	0.050	ug/mL		EPA 6010D
	Antimony	0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0005	0.015	ug/mL		EPA 6010D
	Barium	0.00	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00003	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.001	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.020	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB4	Aluminum	0.017	0.050	ug/mL		EPA 6010D
	Antimony	0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0006	0.015	ug/mL		EPA 6010D
	Barium	0.0004	0.025	ug/mL		EPA 6010D
	Beryllium	0.00003	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.028	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.0005	0.020	ug/mL		EPA 6010D
	Iron	0.018	0.250	ug/mL		EPA 6010D
	Lead	0.002	0.005	ug/mL		EPA 6010D
	Magnesium	-0.021	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.086	0.050	ug/mL	*	EPA 6010D
	Selenium	0.0001	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.008	0.500	ug/mL		EPA 6010D
	Thallium	-0.001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0007	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D
S5A1518-CCB5	Aluminum	0.014	0.050	ug/mL		EPA 6010D
	Antimony	0.0001	0.025	ug/mL		EPA 6010D
	Arsenic	0.0003	0.015	ug/mL		EPA 6010D
	Barium	0.0005	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00005	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.031	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.0006	0.020	ug/mL		EPA 6010D
	Iron	0.015	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB5	Lead	0.0009	0.005	ug/mL		EPA 6010D
	Magnesium	-0.004	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.058	0.050	ug/mL	*	EPA 6010D
	Selenium	0.006	0.025	ug/mL		EPA 6010D
	Silver	0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.004	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0005	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D
S5A1518-CCBD	Aluminum	0.012	0.050	ug/mL		EPA 6010D
	Antimony	0.001	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0009	0.015	ug/mL		EPA 6010D
	Barium	0.0002	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00006	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	-0.012	0.050	ug/mL		EPA 6010D
	Chromium	-0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	0.00	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.007	0.250	ug/mL		EPA 6010D
	Lead	0.0004	0.005	ug/mL		EPA 6010D
	Magnesium	-0.021	0.050	ug/mL		EPA 6010D
	Manganese	0.0001	0.005	ug/mL		EPA 6010D
	Nickel	-0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.103	0.050	ug/mL	*	EPA 6010D
	Selenium	0.004	0.025	ug/mL		EPA 6010D
	Silver	0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.075	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0004	0.010	ug/mL		EPA 6010D
	Zinc	-0.0002	0.025	ug/mL		EPA 6010D

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/15/25
Control Limt: +/- 10.00%
Sequence: S5A1518

Lab Sample ID	Analyte	True	Found	%R	Units	Method
S5A1518-CCV1	Potassium	5.00	5.02	100	ug/mL	EPA 6010D
	Selenium	0.500	0.540	108	ug/mL	EPA 6010D
	Silver	1.25	1.28	102	ug/mL	EPA 6010D
	Sodium	25.0	24.7	99.0	ug/mL	EPA 6010D
	Thallium	0.500	0.515	103	ug/mL	EPA 6010D
	Vanadium	2.50	2.50	100	ug/mL	EPA 6010D
	Zinc	2.50	2.52	101	ug/mL	EPA 6010D
S5A1518-CCV3	Aluminum	10.0	10.7	107	ug/mL	EPA 6010D
	Antimony	0.250	0.258	103	ug/mL	EPA 6010D
	Arsenic	0.500	0.530	106	ug/mL	EPA 6010D
	Barium	10.0	10.3	103	ug/mL	EPA 6010D
	Beryllium	0.250	0.268	107	ug/mL	EPA 6010D
	Cadmium	0.250	0.260	104	ug/mL	EPA 6010D
	Calcium	25.0	25.6	102	ug/mL	EPA 6010D
	Chromium	1.00	1.03	103	ug/mL	EPA 6010D
	Cobalt	2.50	2.59	104	ug/mL	EPA 6010D
	Copper	1.25	1.31	105	ug/mL	EPA 6010D
	Iron	5.00	5.28	106	ug/mL	EPA 6010D
	Lead	0.500	0.524	105	ug/mL	EPA 6010D
	Magnesium	25.0	25.7	103	ug/mL	EPA 6010D
	Manganese	2.50	2.59	103	ug/mL	EPA 6010D
	Nickel	2.50	2.60	104	ug/mL	EPA 6010D
	Potassium	5.00	5.20	104	ug/mL	EPA 6010D
	Selenium	0.500	0.561	112 *	ug/mL	EPA 6010D
	Silver	1.25	1.34	107	ug/mL	EPA 6010D
	Sodium	25.0	25.4	101	ug/mL	EPA 6010D
	Thallium	0.500	0.522	104	ug/mL	EPA 6010D
	Vanadium	2.50	2.59	104	ug/mL	EPA 6010D
	Zinc	2.50	2.61	104	ug/mL	EPA 6010D
S5A1518-CCV4	Aluminum	10.0	10.3	103	ug/mL	EPA 6010D
	Antimony	0.250	0.247	99.0	ug/mL	EPA 6010D
	Arsenic	0.500	0.519	104	ug/mL	EPA 6010D
	Barium	10.0	9.96	99.6	ug/mL	EPA 6010D
	Beryllium	0.250	0.260	104	ug/mL	EPA 6010D
	Cadmium	0.250	0.251	100	ug/mL	EPA 6010D
	Calcium	25.0	25.0	99.9	ug/mL	EPA 6010D
	Chromium	1.00	0.996	99.6	ug/mL	EPA 6010D

ICP INTERFERENCE CHECK SAMPLE

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: ICP5900-01
Calibration: 01/15/25
Sequence: S5A1518

Lab Sample ID	Analyte	True	Found	%R	Units
S5A1518-IFA1	Aluminum	500	550.64	110	ug/mL
	Antimony		-0.01		ug/mL
	Arsenic		0.00		ug/mL
	Barium		0.00		ug/mL
	Beryllium		0.00		ug/mL
	Cadmium		0.00		ug/mL
	Calcium	500	486.54	97.3	ug/mL
	Chromium		0.00		ug/mL
	Cobalt		0.00		ug/mL
	Copper		0.00		ug/mL
	Iron	200	210.09	105	ug/mL
	Lead		0.00		ug/mL
	Magnesium	500	502.77	101	ug/mL
	Manganese		0.00		ug/mL
	Nickel		0.00		ug/mL
	Potassium		0.01		ug/mL
	Selenium		0.01		ug/mL
	Silver		0.00		ug/mL
	Sodium		0.04		ug/mL
	Thallium		0.01		ug/mL
	Vanadium		0.00		ug/mL
	Zinc		0.00		ug/mL
S5A1518-IFB1	Aluminum	500	545.43	109	ug/mL
	Antimony	0.500	0.49	97.2	ug/mL
	Arsenic	0.500	0.00	0.900 *	ug/mL
	Barium	0.500	0.50	99.8	ug/mL
	Beryllium	0.500	0.52	103	ug/mL
	Cadmium	1.00	0.90	90.3	ug/mL
	Calcium	500	478.63	95.7	ug/mL

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Project: ORFD2301
Instrument ID: Nexion2000C
Calibration: 01/15/25
Control Limt: +/- 10.00%
Sequence: S5A1533

Lab Sample ID	Analyte	True	Found	%R		Units	Method
S5A1533-ICV1	Antimony	50.0	52.3	105		ug/L	EPA 6020B
	Arsenic	50.0	49.2	98.4		ug/L	EPA 6020B
	Beryllium	50.0	47.5	94.9		ug/L	EPA 6020B
	Cadmium	50.0	47.9	95.8		ug/L	EPA 6020B
	Selenium	50.0	55.5	111	*	ug/L	EPA 6020B
	Thallium	50.0	49.9	99.8		ug/L	EPA 6020B
S5A1533-CCV1	Antimony	50.0	52.8	106		ug/L	EPA 6020B
	Arsenic	50.0	53.4	107		ug/L	EPA 6020B
	Beryllium	50.0	48.3	96.5		ug/L	EPA 6020B
	Cadmium	50.0	49.1	98.1		ug/L	EPA 6020B
	Selenium	50.0	46.0	92.1		ug/L	EPA 6020B
	Thallium	50.0	48.6	97.2		ug/L	EPA 6020B
S5A1533-CCV2	Antimony	50.0	50.3	101		ug/L	EPA 6020B
	Arsenic	50.0	50.4	101		ug/L	EPA 6020B
	Beryllium	50.0	46.1	92.1		ug/L	EPA 6020B
	Cadmium	50.0	49.6	99.3		ug/L	EPA 6020B
	Selenium	50.0	43.3	86.5	*	ug/L	EPA 6020B
	Thallium	50.0	50.6	101		ug/L	EPA 6020B
S5A1533-CCV5	Antimony	50.0	57.9	116	*	ug/L	EPA 6020B
	Arsenic	50.0	49.3	98.7		ug/L	EPA 6020B
	Beryllium	50.0	51.1	102		ug/L	EPA 6020B
	Cadmium	50.0	52.1	104		ug/L	EPA 6020B
	Selenium	50.0	54.3	109		ug/L	EPA 6020B
	Thallium	50.0	48.7	97.4		ug/L	EPA 6020B
S5A1533-CCV6	Antimony	50.0	57.9	116	*	ug/L	EPA 6020B
	Arsenic	50.0	48.4	96.9		ug/L	EPA 6020B
	Beryllium	50.0	52.1	104		ug/L	EPA 6020B
	Cadmium	50.0	55.8	112	*	ug/L	EPA 6020B
	Selenium	50.0	58.5	117	*	ug/L	EPA 6020B
	Thallium	50.0	50.5	101		ug/L	EPA 6020B
S5A1533-CCV7	Antimony	50.0	55.1	110		ug/L	EPA 6020B
	Arsenic	50.0	50.0	100		ug/L	EPA 6020B
	Beryllium	50.0	48.7	97.4		ug/L	EPA 6020B
	Cadmium	50.0	48.9	97.9		ug/L	EPA 6020B
	Selenium	50.0	41.9	83.8	*	ug/L	EPA 6020B
	Thallium	50.0	49.8	99.7		ug/L	EPA 6020B

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 7473

SB006 (6- 8 FT)

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0590
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Soil		
Batch:	BA50884	Laboratory ID:	BA50884-MS1
Preparation:	EPA 7473 soil	Initial/Final:	0.2 g / 0.2 g

Source Sample Name: SB006 (6- 8 FT)

COMPOUND	SPIKE ADDED (mg/kg)	SAMPLE CONCENTRATION (mg/kg)	MS CONCENTRATION (mg/kg)	MS % REC. #	QC LIMITS REC.
Mercury	0.500	0.0149	0.239	44.8 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

HOLDING TIME SUMMARY

EPA 7196A

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers Project: ORFD2301

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
SB006 (0-2 IN)	01/09/25 09:30	01/10/25 16:40	01/14/25 08:53	4.97	30.00	01/14/25 13:47	0.20	7.00	
SB006 (2 IN -24 IN)	01/09/25 09:42	01/10/25 16:40	01/14/25 08:53	4.97	30.00	01/14/25 13:47	0.20	7.00	
SB006 (6- 8 FT)	01/09/25 09:50	01/10/25 16:40	01/14/25 08:53	4.96	30.00	01/14/25 13:47	0.20	7.00	
SB007 (0-2IN)	01/09/25 11:50	01/10/25 16:40	01/14/25 08:53	4.88	30.00	01/14/25 13:47	0.20	7.00	
SB007 (2IN -24IN)	01/09/25 12:00	01/10/25 16:40	01/14/25 08:53	4.87	30.00	01/14/25 13:47	0.20	7.00	
SB007 (6-8FT)	01/09/25 12:10	01/10/25 16:40	01/14/25 08:53	4.86	30.00	01/14/25 13:47	0.20	7.00	
UICO11	01/09/25 13:30	01/10/25 16:40	01/15/25 08:59	5.81	30.00	01/15/25 14:40	0.24	7.00	
MW001	01/09/25 16:00	01/10/25 16:40	01/10/25 23:00	1.29	1.00	01/10/25 23:52	1.33	1.00	*
MW002	01/09/25 14:00	01/10/25 16:40	01/10/25 23:00	1.38	1.00	01/10/25 23:52	1.41	1.00	*
MW003	01/09/25 12:10	01/10/25 16:40	01/10/25 23:00	1.45	1.00	01/10/25 23:52	1.49	1.00	*
MW004	01/09/25 10:00	01/10/25 16:40	01/10/25 23:00	1.54	1.00	01/10/25 23:52	1.58	1.00	*
MW00X	01/09/25 12:55	01/10/25 16:40	01/10/25 23:00	1.42	1.00	01/10/25 23:52	1.46	1.00	*
Equipment Blank 1/9/25	01/09/25 14:20	01/10/25 16:40	01/10/25 23:00	1.36	1.00	01/10/25 23:52	1.40	1.00	*
Field Blank 1/9/25	01/09/25 14:00	01/10/25 16:40	01/10/25 23:00	1.38	1.00	01/10/25 23:52	1.41	1.00	*

Initial Calibration Report - LCQQQ

Agilent Technologies

Method Path	D:\MassHunter\Data
Method File	2024-12-31B-1633-ICAL.batch.bin
Batch Name	D:\MassHunter\Data\QuantResults\2025-01-14A-1633.batch.bin
Last Calib Update	1/3/2025 10:06:56 AM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
1	D:\MassHunter\Data\QQQ48592.d	12/31/2024 6:12:36 PM	1/3/2025 10:06:56 AM
2	D:\MassHunter\Data\QQQ48593.d	12/31/2024 6:28:40 PM	1/3/2025 10:06:56 AM
3	D:\MassHunter\Data\QQQ48594.d	12/31/2024 6:44:44 PM	1/3/2025 10:06:56 AM
4	D:\MassHunter\Data\QQQ48595.d	12/31/2024 7:00:48 PM	1/3/2025 10:06:56 AM
5	D:\MassHunter\Data\QQQ48596.d	12/31/2024 7:16:54 PM	1/3/2025 10:06:56 AM
6	D:\MassHunter\Data\QQQ48597.d	12/31/2024 7:33:00 PM	1/3/2025 10:06:56 AM
7	D:\MassHunter\Data\QQQ48598.d	12/31/2024 7:49:06 PM	1/3/2025 10:06:56 AM
8	D:\MassHunter\Data\QQQ48599.d	12/31/2024 8:05:09 PM	1/3/2025 10:06:56 AM

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I M3PFBA				---------- ISTD ----------							
S Perfluoro-n-[13C4]butanoic acid (MPFBA)	Avg RF	2.0764	2.1537	2.0639	2.1658	2.2213	2.0046	2.1569	2.0019	2.1056	3.828
I MPFDA				---------- ISTD ----------							
S M6PFDA	Avg RF	1.4148	1.6073	1.4279	1.3936	1.6900	1.3764	1.3120	1.1347	1.4196	12.018
S M7PFUdA	Avg RF	1.9731	2.0617	2.4184	2.3269	2.6823	2.0645	2.0823	1.6626	2.1590	14.379
S Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	Avg RF	1.8962	1.9640	2.1528	2.0463	2.5332	2.1097	2.2420	2.1247	2.1336	9.123
S M2PFTeDA	Avg RF	0.8127	0.8591	0.9001	0.9959	1.1403	0.9221	1.0199	0.9523	0.9503	10.790
I MPFHxA				---------- ISTD ----------							
S Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)	Avg RF	1.5068	1.6188	1.4738	1.5874	1.5562	1.3412	1.4153	1.3445	1.4805	7.183
S M5PFHxA	Avg RF	1.6705	1.7434	1.6273	1.7547	1.6922	1.4650	1.5725	1.5109	1.6296	6.504
S M3-HFPO-DA	Avg RF	0.3081	0.3253	0.2757	0.2919	0.2698	0.2421	0.2625	0.2095	0.2731	13.441
S M4PFHpA	Avg RF	0.3297	0.3861	0.3212	0.3543	0.3272	0.2832	0.3121	0.2296	0.3179	14.677
I MPFHxS				---------- ISTD ----------							
S M3PFBS	Avg RF	4.7475	4.4783	4.3553	4.6861	4.4356	3.8358	4.5431	3.9249	4.3758	7.588
S M2-4-2FTS	Avg RF	5.9578	5.6295	5.6425	5.6288	5.9297	5.5445			5.7221	3.065
S M3PFHxS	Avg RF	3.5347	3.1880	3.1118	3.2401	3.3138	2.8772	3.0649	2.4133	3.0930	10.821
S M2-6-2FTS	Avg RF	3.8434	3.6092	3.5700	3.6347	3.8796	3.7698			3.7178	3.511
S M2-8-2FTS	Avg RF	6.3238	6.0897	5.9941	6.3584	6.6487	6.1453			6.2600	3.765
I MPFNA				---------- ISTD ----------							
S Perfluoro-n-[13C9]nonanoic acid (M9PFNA)	Avg RF	0.3045	0.3364	0.2985	0.3145	0.3315	0.3093	0.3458	0.2559	0.3121	8.996
I MPFOA				---------- ISTD ----------							
S Perfluoro-n-[13C8]octanoic acid (M8PFOA)	Avg RF	0.8208	0.9048	0.9345	0.8767	0.9679	0.8029	0.9493	0.7947	0.8814	7.772
I MPFOS				---------- ISTD ----------							
S Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	Avg RF	0.4163	0.3895	0.3841	0.3906	0.4113	0.4233	0.3960	0.4436	0.4068	5.030
S d3-N-MeFOSAA	Avg RF	1.7475	1.7825	1.6487	1.7952	1.7724	1.6408	1.8024	1.7338	1.7404	3.637

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
S d5-N-EtFOSAA	Avg RF	1.5542	1.5987	1.5164	1.5202	1.4884	1.3303	1.5034	1.2559	1.4709	7.926
S Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	Avg RF	1.5716	1.5287	1.4922	1.5493	1.5400	1.5631	1.6144	1.6518	1.5639	3.197
S d7-NMeFOSE	Avg RF	0.1270	0.1213	0.1164	0.1255	0.1299	0.1177	0.1260	0.1190	0.1228	4.003
S d3-NMeFOSA	Avg RF	0.3064	0.2951	0.3179	0.2799	0.3319	0.2948	0.3043	0.2979	0.3035	5.229
S d9-NEtFOSE	Avg RF	0.0590	0.0571	0.0601	0.0588	0.0648	0.0562	0.0602	0.0564	0.0591	4.700
S d5-NEtFOSA	Avg RF	0.2286	0.2085	0.2306	0.2101	0.2238	0.1900	0.1947	0.1995	0.2107	7.407
I Perfluoro-n-[13C54]pentanoic acid (M5PFPeA)-EIS				---------- ISTD ----------							
T PFMPA	Quadratic	0.3171	0.3104	0.2945	0.2987	0.2980	0.2947	0.3079	0.3084	0.3037	2.750
T 3:3FTCA	Quadratic	0.0228	0.0205	0.0217	0.0217	0.0207	0.0204	0.0204	0.0218	0.0213	4.050
T Perfluoro-n-pentanoic acid (PFPeA)	Quadratic	1.0756	0.9419	0.9907	0.9994	0.9979	1.0018	0.9713	0.9975	0.9970	3.782
T PFMBA	Quadratic	0.4348	0.4260	0.3936	0.3914	0.3916	0.3978	0.4086	0.3772	0.4026	4.801
I d3-NMeFOSA-EIS				---------- ISTD ----------							
T NMeFOSA	Quadratic	1.0065	0.9521	0.8051	0.8497	0.7722	0.7681	0.7809	0.7798	0.8393	10.889
I d3-N-MeFOSAA-EIS				---------- ISTD ----------							
T N-MeFOSAA	Quadratic	0.7780	0.8960	0.8854	0.7908	0.8500	0.8327	0.7891	0.8377	0.8325	5.327
I d5-NEtFOSA-EIS				---------- ISTD ----------							
T NEtFOSA	Quadratic	1.0554	1.2106	0.9628	1.0963	1.1412	1.1519	1.2217	1.1484	1.1235	7.533
I d5-N-EtFOSAA-EIS				---------- ISTD ----------							
T N-EtFOSAA	Quadratic	1.1098	0.7751	0.9456	0.9484	0.9420	0.9533	0.8401	0.9245	0.9299	10.418
I d7-NMeFOSE-EIS				---------- ISTD ----------							
T NMeFOSE	Quadratic	0.9806	0.9873	0.9156	0.8349	0.8716	0.8435	0.8364	0.8756	0.8932	6.935
I d9-NEtFOSE-EIS				---------- ISTD ----------							
T NEtFOSE	Linear	2.2335	2.2055	2.0098	2.0159	1.7918	1.9360	1.8331	2.0226	2.0060	7.828
I M2-4-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-hexanesulfonate (4 2FTS)	Quadratic	1.1774	1.0843	1.0763	1.0375	0.9172	0.7140			1.0011	16.378
I M2-6-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-octanesulfonate (6 2FTS)	Quadratic	1.6276	1.4669	1.4694	1.4061	1.2293	0.9403			1.3566	17.761
I M2-8-2FTS-EIS				---------- ISTD ----------							
T 1H,1H,2H,2H-perfluoro-1-decanesulfonate (8 2FTS)	Quadratic	0.2357	0.2197	0.1886	0.1875	0.1639	0.1294			0.1875	20.359
I M2PFTeDA-EIS				---------- ISTD ----------							
T Perfluorotridecanoic acid (PFTrDA)	Quadratic	1.1939	1.3037	1.2749	1.1250	1.1306	1.2051	0.9274	1.0310	1.1489	10.855
T Perfluorotetradecanoic acid (PFTA)	Quadratic	1.0577	1.0511	0.9958	0.9056	1.0577	1.0604	1.0274	0.9324	1.0110	6.052
I M3-HFPO-DA-EIS				---------- ISTD ----------							
T HFPO-DA	Quadratic	0.1028	0.0748	0.0889	0.0940	0.0945	0.0962	0.0869	0.0825	0.0901	9.704
T ADONA	Quadratic	1.9878	2.0986	1.9436	2.0461	2.2041	2.1128	1.9450	1.9807	2.0398	4.549
T 9-Cl-PF3ONS	Quadratic	5.5373	6.0400	5.9793	6.0959	6.5175	6.0282	5.3116	5.3940	5.8630	7.017
T 11-Cl-PF3OUdS	Quadratic	3.4547	3.6144	3.5557	3.7790	4.0188	3.9416	3.7815	4.0745	3.7775	5.948

Compound	Curve Fit	1	2	3	4	5	6	7	8	Avg RF	%RSD
I M3PFBS-EIS					---------- ISTD ----------						
T Perfluorobutanesulfonic acid (PFBS)	Quadratic	1.2108	1.0432	1.1227	1.0645	1.1086	1.0905	1.0825	1.1165	1.1049	4.568
I M3PFHxS-EIS					---------- ISTD ----------						
T Perfluoro-1-pentanesulfonate (L-PFPeS)	Quadratic	1.2951	1.1941	1.3076	1.3836	1.2558	1.2571	1.4083	1.5935	1.3369	9.337
T Perfluorohexanesulfonic acid (PFHxS)	Quadratic	1.2938	1.0933	1.2457	1.2089	1.1492	1.0868	1.1463	1.2224	1.1808	6.256
I M4PFHpA-EIS					---------- ISTD ----------						
T Perfluoroheptanoic acid (PFHpA)	Quadratic	3.7669	2.9209	2.9920	2.9447	3.1559	3.1652	2.9680	3.7745	3.2110	11.128
I M5PFHxA-EIS					---------- ISTD ----------						
T PFEESA	Quadratic	1.2450	1.2356	1.1563	1.1453	1.1749	1.1770	1.1601	1.0496	1.1680	5.154
T NFDHA	Quadratic	0.0118	0.0101	0.0088	0.0091	0.0115	0.0101	0.0108	0.0079	0.0100	13.377
T Perfluorohexanoic acid (PFHxA)	Quadratic	1.2078	1.1437	1.0949	1.0964	1.1171	1.1195	1.0522	1.0933	1.1156	4.097
T 5-3FTCA	Quadratic	0.1714	0.1604	0.1654	0.1666	0.1597	0.1473	0.1369	0.1191	0.1534	11.595
T 7-3FTCA	Quadratic	0.2105	0.1905	0.1872	0.1977	0.1876	0.1718	0.1606	0.1442	0.1813	11.749
I M6PFDA-EIS					---------- ISTD ----------						
T Perfluorodecanoic acid (PFDA)	Quadratic	1.1707	0.9446	1.1275	1.1800	1.0703	1.0522	1.1238	1.0765	1.0932	6.935
I M7PFUdA-EIS					---------- ISTD ----------						
T Perfluoroundecanoic acid (PFUnA)	Quadratic	0.7998	0.8664	0.6976	0.7935	0.7348	0.8351	0.7417	0.7707	0.7799	7.098
I Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)-EIS					---------- ISTD ----------						
T Perfluoro-1-octanesulfonamide (FOSA)	Quadratic	1.9295	1.7789	1.8854	1.8816	1.8748	1.5984	1.6369	1.5221	1.7634	8.852
I Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)-EIS					---------- ISTD ----------						
T Perfluoro-1-heptanesulfonate (L-PFHpS)	Quadratic	3.2303	3.1172	3.2466	3.2321	3.2319	2.7868	3.0889	2.5775	3.0639	8.130
T Perfluorooctanesulfonic acid (PFOS)	Quadratic	2.8822	2.6441	2.6539	2.7415	2.6285	2.3123	2.5759	2.3080	2.5933	7.623
T Perfluorononanesulfonate (L-PFNS)	Quadratic	2.0839	2.0149	2.2423	2.2478	2.1575	1.7119	1.8632	1.6502	1.9965	11.610
T Perfluoro-1-decanesulfonate (L-PFDS)	Quadratic	1.0460	0.8671	0.7903	0.7856	0.8172	0.7493	0.8295	0.7252	0.8263	12.028
T Perfluorododecanesulfonic acid (PFDoS)	Quadratic	0.4423	0.4588	0.4945	0.4766	0.4809	0.4031	0.4838	0.4136	0.4567	7.442
I Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)-EIS					---------- ISTD ----------						
T Perfluorododecanoic acid (PFDoA)	Quadratic	0.7821	0.7410	0.6950	0.7298	0.7069	0.7514	0.7298	0.7357	0.7340	3.626
I Perfluoro-n-[13C4]butanoic acid (MPFBA)-EIS					---------- ISTD ----------						
T Perfluoro-n-butanoic acid (PFBA)	Quadratic	0.8728	0.8048	0.8647	0.8485	0.8394	0.8551	0.8440	0.8766	0.8507	2.688
I Perfluoro-n-[13C8]octanoic acid (M8PFOA)-EIS					---------- ISTD ----------						
T Perfluorooctanoic acid (PFOA)	Linear	1.3612	1.0783	1.0863	1.1925	1.0790	1.0899	1.0448	1.2038	1.1420	9.227
I Perfluoro-n-[13C9]nonanoic acid (M9PFNA)-EIS					---------- ISTD ----------						
T Perfluorononanoic acid (PFNA)	Linear	3.6144	3.4275	3.1995	3.2945	3.2113	2.7550	2.9512	3.6204	3.2592	9.285

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

Compounds with Curve fitting not using Avg Response Factor:

Compound	Curve Fit	Curve Fit Formula	Curve Fit R2
T Perfluoro-n-butanoic acid (PFBA)	Quadratic	y = 0.001789 * x ^ 2 + 0.831592 * x	0.999977
T PFMPA	Quadratic	y = 2.597310E-004 * x ^ 2 + 0.302088 * x	0.999937
T 3:3FTCA	Quadratic	y = 3.144835E-005 * x ^ 2 + 0.019813 * x	0.999958
T Perfluoro-n-pentanoic acid (PFPeA)	Quadratic	y = 0.001024 * x ^ 2 + 0.971476 * x	0.999941
T PFMBA	Quadratic	y = -0.001655 * x ^ 2 + 0.418864 * x	0.999850
T Perfluorobutanesulfonic acid (PFBS)	Quadratic	y = 0.001941 * x ^ 2 + 1.070022 * x	0.999980
T PFEESA	Quadratic	y = -0.003866 * x ^ 2 + 1.221955 * x	0.999969
T NFDHA	Quadratic	y = -6.505521E-005 * x ^ 2 + 0.011276 * x	0.995306
T 1H,1H,2H,2H-perfluoro-1-hexanesulfonate (4 2FTS)	Quadratic	y = -0.036449 * x ^ 2 + 1.077689 * x	0.999729
T Perfluorohexanoic acid (PFHxA)	Quadratic	y = 0.001254 * x ^ 2 + 1.061042 * x	0.999791
T Perfluoro-1-pentanesulfonate (L-PFPeS)	Quadratic	y = 0.013840 * x ^ 2 + 1.250820 * x	0.999881
T HFPO-DA	Quadratic	y = -4.259629E-004 * x ^ 2 + 0.093074 * x	0.999690
T Perfluoroheptanoic acid (PFHpA)	Quadratic	y = 0.036917 * x ^ 2 + 2.823747 * x	0.998253
T 5-3FTCA	Quadratic	y = -5.231916E-005 * x ^ 2 + 0.151699 * x	0.999839
T Perfluorohexanesulfonic acid (PFHxS)	Quadratic	y = 0.005545 * x ^ 2 + 1.088803 * x	0.999933
T ADONA	Quadratic	y = -0.001171 * x ^ 2 + 2.006169 * x	0.999635
T 1H,1H,2H,2H-perfluoro-1-octanesulfonate (6 2FTS)	Quadratic	y = -0.052231 * x ^ 2 + 1.461048 * x	0.999618
T Perfluorooctanoic acid (PFOA)	Linear	y = 1.178255 * x	0.996704
T Perfluoro-1-heptanesulfonate (L-PFHpS)	Quadratic	y = -0.026814 * x ^ 2 + 3.248625 * x	0.998900
T Perfluorononanoic acid (PFNA)	Linear	y = 3.500377 * x	0.991951
T Perfluorooctanesulfonic acid (PFOS)	Quadratic	y = -0.012842 * x ^ 2 + 2.622029 * x	0.999219
T 7-3FTCA	Quadratic	y = -5.007952E-005 * x ^ 2 + 0.175360 * x	0.999797
T 9-Cl-PF3ONS	Quadratic	y = -0.010238 * x ^ 2 + 5.623588 * x	0.999092
T 1H,1H,2H,2H-perfluoro-1-decanesulfonate (8 2FTS)	Quadratic	y = -0.007047 * x ^ 2 + 0.198931 * x	0.997683
T Perfluorodecanoic acid (PFDA)	Quadratic	y = -8.352759E-004 * x ^ 2 + 1.119148 * x	0.999758
T Perfluorononanesulfonate (L-PFNS)	Quadratic	y = -0.011898 * x ^ 2 + 1.950663 * x	0.999013
T N-MeFOSAA	Quadratic	y = 0.004157 * x ^ 2 + 0.785005 * x	0.999774
T N-EtFOSAA	Quadratic	y = 0.006024 * x ^ 2 + 0.847563 * x	0.999096
T Perfluoro-1-decanesulfonate (L-PFDS)	Quadratic	y = -0.004955 * x ^ 2 + 0.851117 * x	0.999149
T Perfluoroundecanoic acid (PFUnA)	Quadratic	y = 1.767817E-004 * x ^ 2 + 0.760984 * x	0.999381
T Perfluoro-1-octanesulfonamide (FOSA)	Quadratic	y = -0.007181 * x ^ 2 + 1.701613 * x	0.999746
T 11-Cl-PF3OUdS	Quadratic	y = 0.015414 * x ^ 2 + 3.707140 * x	0.999824
T Perfluorododecanoic acid (PFDoA)	Quadratic	y = 5.198149E-005 * x ^ 2 + 0.732953 * x	0.999954
T Perfluorododecanesulfonic acid (PFDoS)	Quadratic	y = -0.002964 * x ^ 2 + 0.489661 * x	0.997929
T Perfluorotridecanoic acid (PFTrDA)	Quadratic	y = -0.001464 * x ^ 2 + 1.088758 * x	0.993115
T NMeFOSE	Quadratic	y = 0.002122 * x ^ 2 + 0.822223 * x	0.999950
T NMeFOSA	Quadratic	y = 8.434273E-005 * x ^ 2 + 0.777749 * x	0.999968
T Perfluorotetradecanoic acid (PFTA)	Quadratic	y = -0.003076 * x ^ 2 + 1.086366 * x	0.999923
T NEtFOSE	Linear	y = 1.993382 * x	0.998393
T NEtFOSA	Quadratic	y = -0.002999 * x ^ 2 + 1.224582 * x	0.999690

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1517
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-ICB1	Aluminum	0.0263	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	-0.0214	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000200	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.00160	0.0200	ug/mL		EPA 6010D
	Iron	0.0256	0.250	ug/mL		EPA 6010D
	Lead	-0.000900	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00570	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000200	0.0100	ug/mL		EPA 6010D
	Potassium	0.139	0.0500	ug/mL	*	EPA 6010D
	Silver	0.00140	0.00500	ug/mL		EPA 6010D
	Sodium	-0.0143	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000400	0.0250	ug/mL		EPA 6010D
S5A1517-CCB1	Aluminum	0.00920	0.0500	ug/mL		EPA 6010D
	Barium	0.00	0.0250	ug/mL		EPA 6010D
	Calcium	0.00100	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000200	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.00150	0.0200	ug/mL		EPA 6010D
	Iron	0.0198	0.250	ug/mL		EPA 6010D
	Lead	-0.000500	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00240	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000200	0.0100	ug/mL		EPA 6010D
	Potassium	0.0785	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000700	0.00500	ug/mL		EPA 6010D
	Sodium	-0.00790	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000100	0.0250	ug/mL		EPA 6010D
S5A1517-CCB2	Aluminum	0.00880	0.0500	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1517

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCB2	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	0.00560	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000200	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.000800	0.0200	ug/mL		EPA 6010D
	Iron	0.0118	0.250	ug/mL		EPA 6010D
	Lead	0.00130	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00260	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000200	0.0100	ug/mL		EPA 6010D
	Potassium	0.100	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000900	0.00500	ug/mL		EPA 6010D
	Sodium	-0.00350	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	0.000700	0.0250	ug/mL		EPA 6010D
S5A1517-CCB3	Aluminum	0.0121	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	0.0203	0.0500	ug/mL		EPA 6010D
	Chromium	0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000200	0.00400	ug/mL		EPA 6010D
	Copper	0.000400	0.0200	ug/mL		EPA 6010D
	Iron	0.0130	0.250	ug/mL		EPA 6010D
	Lead	-0.000900	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0226	0.0500	ug/mL		EPA 6010D
	Manganese	0.000100	0.00500	ug/mL		EPA 6010D
	Nickel	0.000400	0.0100	ug/mL		EPA 6010D
	Potassium	0.0613	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000600	0.00500	ug/mL		EPA 6010D
	Sodium	0.00910	0.500	ug/mL		EPA 6010D
	Vanadium	0.000400	0.0100	ug/mL		EPA 6010D
	Zinc	0.00190	0.0250	ug/mL		EPA 6010D
S5A1517-CCB4	Aluminum	0.0173	0.0500	ug/mL		EPA 6010D
	Barium	0.000400	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1517
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCB4	Calcium	0.0276	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000100	0.00400	ug/mL		EPA 6010D
	Copper	0.000500	0.0200	ug/mL		EPA 6010D
	Iron	0.0178	0.250	ug/mL		EPA 6010D
	Lead	0.00190	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0213	0.0500	ug/mL		EPA 6010D
	Manganese	0.000300	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.0861	0.0500	ug/mL	*	EPA 6010D
	Silver	0.00100	0.00500	ug/mL		EPA 6010D
	Sodium	0.00810	0.500	ug/mL		EPA 6010D
	Vanadium	0.000700	0.0100	ug/mL		EPA 6010D
	Zinc	0.00210	0.0250	ug/mL		EPA 6010D
S5A1517-CCB5	Aluminum	0.0143	0.0500	ug/mL		EPA 6010D
	Barium	0.000500	0.0250	ug/mL		EPA 6010D
	Calcium	0.0309	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000100	0.00400	ug/mL		EPA 6010D
	Copper	0.000600	0.0200	ug/mL		EPA 6010D
	Iron	0.0149	0.250	ug/mL		EPA 6010D
	Lead	0.000900	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00450	0.0500	ug/mL		EPA 6010D
	Manganese	0.000300	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.0580	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000600	0.00500	ug/mL		EPA 6010D
	Sodium	0.00420	0.500	ug/mL		EPA 6010D
	Vanadium	0.000500	0.0100	ug/mL		EPA 6010D
	Zinc	0.00210	0.0250	ug/mL		EPA 6010D
S5A1517-CCB6	Aluminum	0.0119	0.0500	ug/mL		EPA 6010D
	Barium	0.000900	0.0250	ug/mL		EPA 6010D
	Calcium	0.0288	0.0500	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1517

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCB6	Chromium	0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000300	0.00400	ug/mL		EPA 6010D
	Copper	0.00120	0.0200	ug/mL		EPA 6010D
	Iron	0.0300	0.250	ug/mL		EPA 6010D
	Lead	0.00170	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0176	0.0500	ug/mL		EPA 6010D
	Manganese	0.000400	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.0447	0.0500	ug/mL		EPA 6010D
	Silver	0.000700	0.00500	ug/mL		EPA 6010D
	Sodium	0.0582	0.500	ug/mL		EPA 6010D
	Vanadium	0.000700	0.0100	ug/mL		EPA 6010D
	Zinc	0.00150	0.0250	ug/mL		EPA 6010D
S5A1517-CCB7	Aluminum	0.0163	0.0500	ug/mL		EPA 6010D
	Barium	0.000800	0.0250	ug/mL		EPA 6010D
	Beryllium	-0.0000100	0.000500	ug/mL		EPA 6010D
	Calcium	0.0288	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000500	0.00400	ug/mL		EPA 6010D
	Copper	0.00130	0.0200	ug/mL		EPA 6010D
	Iron	0.0173	0.250	ug/mL		EPA 6010D
	Lead	0.000300	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0304	0.0500	ug/mL		EPA 6010D
	Manganese	0.000300	0.00500	ug/mL		EPA 6010D
	Nickel	0.00100	0.0100	ug/mL		EPA 6010D
	Potassium	0.0946	0.0500	ug/mL	*	EPA 6010D
	Selenium	0.00290	0.0250	ug/mL		EPA 6010D
	Silver	0.000700	0.00500	ug/mL		EPA 6010D
	Sodium	0.0408	0.500	ug/mL		EPA 6010D
	Vanadium	0.000700	0.0100	ug/mL		EPA 6010D
	Zinc	0.00140	0.0250	ug/mL		EPA 6010D
S5A1517-CCB8	Aluminum	0.0120	0.0500	ug/mL		EPA 6010D
	Barium	0.00100	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1517

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCB8	Calcium	0.0295	0.0500	ug/mL		EPA 6010D
	Chromium	0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000100	0.00400	ug/mL		EPA 6010D
	Copper	0.000700	0.0200	ug/mL		EPA 6010D
	Iron	0.0158	0.250	ug/mL		EPA 6010D
	Lead	0.00140	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0128	0.0500	ug/mL		EPA 6010D
	Manganese	0.000500	0.00500	ug/mL		EPA 6010D
	Nickel	0.000500	0.0100	ug/mL		EPA 6010D
	Potassium	0.0785	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000500	0.00500	ug/mL		EPA 6010D
	Sodium	0.0374	0.500	ug/mL		EPA 6010D
	Vanadium	0.000600	0.0100	ug/mL		EPA 6010D
	Zinc	0.00140	0.0250	ug/mL		EPA 6010D
S5A1517-CCB9	Aluminum	0.0192	0.0500	ug/mL		EPA 6010D
	Barium	0.00130	0.0250	ug/mL		EPA 6010D
	Calcium	0.0248	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000600	0.00400	ug/mL		EPA 6010D
	Copper	0.00100	0.0200	ug/mL		EPA 6010D
	Iron	0.0299	0.250	ug/mL		EPA 6010D
	Lead	0.000800	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00600	0.0500	ug/mL		EPA 6010D
	Manganese	0.000500	0.00500	ug/mL		EPA 6010D
	Nickel	0.000500	0.0100	ug/mL		EPA 6010D
	Potassium	0.0470	0.0500	ug/mL		EPA 6010D
	Silver	0.000900	0.00500	ug/mL		EPA 6010D
	Sodium	0.0776	0.500	ug/mL		EPA 6010D
	Vanadium	0.000500	0.0100	ug/mL		EPA 6010D
	Zinc	0.00150	0.0250	ug/mL		EPA 6010D
BA50852-BLK1	Aluminum	0.00944	0.0556	mg/L		EPA 6010D
	Barium	0.00	0.0278	mg/L		EPA 6010D
	Calcium	-0.0158	0.0556	mg/L		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1517

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BA50852-BLK1	Chromium	-0.000222	0.00556	mg/L		EPA 6010D
	Cobalt	0.000222	0.00444	mg/L		EPA 6010D
	Copper	0.000111	0.0222	mg/L		EPA 6010D
	Iron	0.0294	0.278	mg/L		EPA 6010D
	Lead	0.000444	0.00556	mg/L		EPA 6010D
	Magnesium	-0.0248	0.0556	mg/L		EPA 6010D
	Manganese	-0.000111	0.00556	mg/L		EPA 6010D
	Nickel	0.000778	0.0111	mg/L		EPA 6010D
	Potassium	0.0489	0.0556	mg/L		EPA 6010D
	Silver	0.000333	0.00556	mg/L		EPA 6010D
	Sodium	0.00611	0.556	mg/L		EPA 6010D
	Vanadium	0.000556	0.0111	mg/L		EPA 6010D
	Zinc	-0.000778	0.0278	mg/L		EPA 6010D
S5A1517-CCBA	Aluminum	0.0207	0.0500	ug/mL		EPA 6010D
	Barium	0.00130	0.0250	ug/mL		EPA 6010D
	Calcium	0.0291	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000400	0.00400	ug/mL		EPA 6010D
	Copper	0.00140	0.0200	ug/mL		EPA 6010D
	Iron	0.0254	0.250	ug/mL		EPA 6010D
	Lead	0.000500	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00640	0.0500	ug/mL		EPA 6010D
	Manganese	0.000600	0.00500	ug/mL		EPA 6010D
	Nickel	0.00120	0.0100	ug/mL		EPA 6010D
	Potassium	0.146	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000600	0.00500	ug/mL		EPA 6010D
	Sodium	0.0170	0.500	ug/mL		EPA 6010D
	Vanadium	0.000900	0.0100	ug/mL		EPA 6010D
	Zinc	0.00210	0.0250	ug/mL		EPA 6010D
S5A1517-CCBB	Aluminum	0.0126	0.0500	ug/mL		EPA 6010D
	Barium	0.00110	0.0250	ug/mL		EPA 6010D
	Calcium	0.0255	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000100	0.00500	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1517
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCBB	Cobalt	-0.000300	0.00400	ug/mL		EPA 6010D
	Copper	0.000700	0.0200	ug/mL		EPA 6010D
	Iron	0.000700	0.250	ug/mL		EPA 6010D
	Lead	0.000800	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00830	0.0500	ug/mL		EPA 6010D
	Manganese	0.000500	0.00500	ug/mL		EPA 6010D
	Nickel	0.000300	0.0100	ug/mL		EPA 6010D
	Potassium	0.0770	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000400	0.00500	ug/mL		EPA 6010D
	Sodium	0.0181	0.500	ug/mL		EPA 6010D
	Vanadium	0.000500	0.0100	ug/mL		EPA 6010D
	Zinc	0.00140	0.0250	ug/mL		EPA 6010D
S5A1517-CCBC	Aluminum	0.0226	0.0500	ug/mL		EPA 6010D
	Barium	-0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	-0.0156	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000300	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000100	0.00400	ug/mL		EPA 6010D
	Copper	0.000200	0.0200	ug/mL		EPA 6010D
	Iron	0.0249	0.250	ug/mL		EPA 6010D
	Lead	-0.000900	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0198	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.0264	0.0500	ug/mL		EPA 6010D
	Silver	0.00100	0.00500	ug/mL		EPA 6010D
	Sodium	0.0312	0.500	ug/mL		EPA 6010D
	Vanadium	0.000500	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000200	0.0250	ug/mL		EPA 6010D
S5A1517-CCBD	Aluminum	0.0118	0.0500	ug/mL		EPA 6010D
	Barium	0.000200	0.0250	ug/mL		EPA 6010D
	Calcium	-0.0116	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	0.00	0.00400	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1517

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCBD	Copper	0.00110	0.0200	ug/mL		EPA 6010D
	Iron	0.00740	0.250	ug/mL		EPA 6010D
	Lead	0.000400	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0214	0.0500	ug/mL		EPA 6010D
	Manganese	0.000100	0.00500	ug/mL		EPA 6010D
	Nickel	-0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.103	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000600	0.00500	ug/mL		EPA 6010D
	Sodium	0.0752	0.500	ug/mL		EPA 6010D
	Vanadium	0.000400	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000200	0.0250	ug/mL		EPA 6010D
S5A1517-CCBE	Aluminum	0.0132	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	-0.0155	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000300	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000400	0.00400	ug/mL		EPA 6010D
	Copper	0.000800	0.0200	ug/mL		EPA 6010D
	Iron	0.0154	0.250	ug/mL		EPA 6010D
	Lead	0.000800	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.00340	0.0500	ug/mL		EPA 6010D
	Manganese	0.00	0.00500	ug/mL		EPA 6010D
	Nickel	-0.000100	0.0100	ug/mL		EPA 6010D
	Potassium	0.136	0.0500	ug/mL	*	EPA 6010D
	Silver	0.00100	0.00500	ug/mL		EPA 6010D
	Sodium	0.0460	0.500	ug/mL		EPA 6010D
	Vanadium	0.000700	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000100	0.0250	ug/mL		EPA 6010D
S5A1517-CCBF	Aluminum	0.0178	0.0500	ug/mL		EPA 6010D
	Barium	0.000100	0.0250	ug/mL		EPA 6010D
	Calcium	-0.0124	0.0500	ug/mL		EPA 6010D
	Chromium	0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000500	0.00400	ug/mL		EPA 6010D
	Copper	0.000900	0.0200	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1517

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCBF	Iron	0.00150	0.250	ug/mL		EPA 6010D
	Lead	0.00240	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0250	0.0500	ug/mL		EPA 6010D
	Manganese	0.000100	0.00500	ug/mL		EPA 6010D
	Nickel	-0.000200	0.0100	ug/mL		EPA 6010D
	Potassium	0.0804	0.0500	ug/mL	*	EPA 6010D
	Silver	0.00100	0.00500	ug/mL		EPA 6010D
	Sodium	0.0645	0.500	ug/mL		EPA 6010D
	Vanadium	0.000600	0.0100	ug/mL		EPA 6010D
	Zinc	0.000100	0.0250	ug/mL		EPA 6010D
S5A1517-CCBG	Aluminum	0.0137	0.0500	ug/mL		EPA 6010D
	Barium	0.000400	0.0250	ug/mL		EPA 6010D
	Calcium	-0.00990	0.0500	ug/mL		EPA 6010D
	Chromium	-0.000100	0.00500	ug/mL		EPA 6010D
	Cobalt	0.000400	0.00400	ug/mL		EPA 6010D
	Copper	0.00100	0.0200	ug/mL		EPA 6010D
	Iron	-0.000800	0.250	ug/mL		EPA 6010D
	Lead	0.00330	0.00500	ug/mL		EPA 6010D
	Magnesium	-0.0125	0.0500	ug/mL		EPA 6010D
	Manganese	0.000200	0.00500	ug/mL		EPA 6010D
	Nickel	0.000400	0.0100	ug/mL		EPA 6010D
	Potassium	0.126	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000800	0.00500	ug/mL		EPA 6010D
	Sodium	0.0793	0.500	ug/mL		EPA 6010D
	Vanadium	0.000300	0.0100	ug/mL		EPA 6010D
	Zinc	-0.000100	0.0250	ug/mL		EPA 6010D
S5A1517-CCBH	Aluminum	0.0178	0.0500	ug/mL		EPA 6010D
	Barium	0.000800	0.0250	ug/mL		EPA 6010D
	Calcium	-0.00190	0.0500	ug/mL		EPA 6010D
	Chromium	0.00	0.00500	ug/mL		EPA 6010D
	Cobalt	-0.000100	0.00400	ug/mL		EPA 6010D
	Copper	0.00550	0.0200	ug/mL		EPA 6010D
	Iron	0.0180	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1517
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1517-CCBH	Lead	0.0100	0.00500	ug/mL	*	EPA 6010D
	Magnesium	-0.00290	0.0500	ug/mL		EPA 6010D
	Manganese	0.000300	0.00500	ug/mL		EPA 6010D
	Nickel	0.000200	0.0100	ug/mL		EPA 6010D
	Potassium	0.119	0.0500	ug/mL	*	EPA 6010D
	Silver	0.000800	0.00500	ug/mL		EPA 6010D
	Sodium	0.0417	0.500	ug/mL		EPA 6010D
	Vanadium	0.000900	0.0100	ug/mL		EPA 6010D
	Zinc	0.00120	0.0250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1518
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-ICB1	Aluminum	0.026	0.050	ug/mL		EPA 6010D
	Antimony	-0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00005	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	-0.021	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.026	0.250	ug/mL		EPA 6010D
	Lead	-0.0009	0.005	ug/mL		EPA 6010D
	Magnesium	-0.006	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.139	0.050	ug/mL	*	EPA 6010D
	Selenium	0.001	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	-0.014	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	-0.0004	0.025	ug/mL		EPA 6010D
S5A1518-CCB1	Aluminum	0.009	0.050	ug/mL		EPA 6010D
	Antimony	0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0005	0.015	ug/mL		EPA 6010D
	Barium	0.00	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00003	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.001	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.002	0.020	ug/mL		EPA 6010D
	Iron	0.020	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1518

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB1	Lead	-0.0005	0.005	ug/mL		EPA 6010D
	Magnesium	-0.002	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.078	0.050	ug/mL	*	EPA 6010D
	Selenium	0.002	0.025	ug/mL		EPA 6010D
	Silver	0.0007	0.005	ug/mL		EPA 6010D
	Sodium	-0.008	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D
S5A1518-CCB2	Aluminum	0.009	0.050	ug/mL		EPA 6010D
	Antimony	0.004	0.025	ug/mL		EPA 6010D
	Arsenic	-0.001	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.0001	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	0.006	0.050	ug/mL		EPA 6010D
	Chromium	-0.0002	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.0008	0.020	ug/mL		EPA 6010D
	Iron	0.012	0.250	ug/mL		EPA 6010D
	Lead	0.001	0.005	ug/mL		EPA 6010D
	Magnesium	-0.003	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.100	0.050	ug/mL	*	EPA 6010D
	Selenium	0.003	0.025	ug/mL		EPA 6010D
	Silver	0.0009	0.005	ug/mL		EPA 6010D
	Sodium	-0.004	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	0.0007	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: ICP5900-01
Project: ORFD2301
Sequence: S5A1518
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB3	Aluminum	0.012	0.050	ug/mL		EPA 6010D
	Antimony	-0.0004	0.025	ug/mL		EPA 6010D
	Arsenic	0.0005	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00002	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	0.020	0.050	ug/mL		EPA 6010D
	Chromium	0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0002	0.004	ug/mL		EPA 6010D
	Copper	0.0004	0.020	ug/mL		EPA 6010D
	Iron	0.013	0.250	ug/mL		EPA 6010D
	Lead	-0.0009	0.005	ug/mL		EPA 6010D
	Magnesium	-0.023	0.050	ug/mL		EPA 6010D
	Manganese	0.0001	0.005	ug/mL		EPA 6010D
	Nickel	0.0004	0.010	ug/mL		EPA 6010D
	Potassium	0.061	0.050	ug/mL	*	EPA 6010D
	Selenium	0.003	0.025	ug/mL		EPA 6010D
	Silver	0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.009	0.500	ug/mL		EPA 6010D
	Thallium	-0.001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0004	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D
S5A1518-CCB4	Aluminum	0.017	0.050	ug/mL		EPA 6010D
	Antimony	0.0008	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0006	0.015	ug/mL		EPA 6010D
	Barium	0.0004	0.025	ug/mL		EPA 6010D
	Beryllium	0.00003	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.028	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.0005	0.020	ug/mL		EPA 6010D
	Iron	0.018	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB4	Lead	0.002	0.005	ug/mL		EPA 6010D
	Magnesium	-0.021	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.086	0.050	ug/mL	*	EPA 6010D
	Selenium	0.0001	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.008	0.500	ug/mL		EPA 6010D
	Thallium	-0.001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0007	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D
S5A1518-CCB5	Aluminum	0.014	0.050	ug/mL		EPA 6010D
	Antimony	0.0001	0.025	ug/mL		EPA 6010D
	Arsenic	0.0003	0.015	ug/mL		EPA 6010D
	Barium	0.0005	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00005	0.0005	ug/mL		EPA 6010D
	Cadmium	0.00	0.003	ug/mL		EPA 6010D
	Calcium	0.031	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.0006	0.020	ug/mL		EPA 6010D
	Iron	0.015	0.250	ug/mL		EPA 6010D
	Lead	0.0009	0.005	ug/mL		EPA 6010D
	Magnesium	-0.004	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.058	0.050	ug/mL	*	EPA 6010D
	Selenium	0.006	0.025	ug/mL		EPA 6010D
	Silver	0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.004	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0005	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1518

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB6	Aluminum	0.012	0.050	ug/mL		EPA 6010D
	Antimony	0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.0001	0.015	ug/mL		EPA 6010D
	Barium	0.0009	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00002	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.029	0.050	ug/mL		EPA 6010D
	Chromium	0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0003	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.030	0.250	ug/mL		EPA 6010D
	Lead	0.002	0.005	ug/mL		EPA 6010D
	Magnesium	-0.018	0.050	ug/mL		EPA 6010D
	Manganese	0.0004	0.005	ug/mL		EPA 6010D
	Nickel	0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.045	0.050	ug/mL		EPA 6010D
	Selenium	0.001	0.025	ug/mL		EPA 6010D
	Silver	0.0007	0.005	ug/mL		EPA 6010D
	Sodium	0.058	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0007	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D
S5A1518-CCB7	Aluminum	0.016	0.050	ug/mL		EPA 6010D
	Antimony	0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.002	0.015	ug/mL		EPA 6010D
	Barium	0.0008	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00001	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.029	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0005	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.017	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1518

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB7	Lead	0.0003	0.005	ug/mL		EPA 6010D
	Magnesium	-0.030	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	0.001	0.010	ug/mL		EPA 6010D
	Potassium	0.095	0.050	ug/mL	*	EPA 6010D
	Selenium	0.003	0.025	ug/mL		EPA 6010D
	Silver	0.0007	0.005	ug/mL		EPA 6010D
	Sodium	0.041	0.500	ug/mL		EPA 6010D
	Thallium	-0.001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0007	0.010	ug/mL		EPA 6010D
	Zinc	0.001	0.025	ug/mL		EPA 6010D
S5A1518-CCB8	Aluminum	0.012	0.050	ug/mL		EPA 6010D
	Antimony	0.003	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	0.001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00002	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.030	0.050	ug/mL		EPA 6010D
	Chromium	0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.0007	0.020	ug/mL		EPA 6010D
	Iron	0.016	0.250	ug/mL		EPA 6010D
	Lead	0.001	0.005	ug/mL		EPA 6010D
	Magnesium	-0.013	0.050	ug/mL		EPA 6010D
	Manganese	0.0005	0.005	ug/mL		EPA 6010D
	Nickel	0.0005	0.010	ug/mL		EPA 6010D
	Potassium	0.078	0.050	ug/mL	*	EPA 6010D
	Selenium	0.003	0.025	ug/mL		EPA 6010D
	Silver	0.0005	0.005	ug/mL		EPA 6010D
	Sodium	0.037	0.500	ug/mL		EPA 6010D
	Thallium	-0.001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0006	0.010	ug/mL		EPA 6010D
	Zinc	0.001	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1518

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCB9	Aluminum	0.019	0.050	ug/mL		EPA 6010D
	Antimony	0.0001	0.025	ug/mL		EPA 6010D
	Arsenic	-0.001	0.015	ug/mL		EPA 6010D
	Barium	0.001	0.025	ug/mL		EPA 6010D
	Beryllium	0.00004	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.025	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	0.0006	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.030	0.250	ug/mL		EPA 6010D
	Lead	0.0008	0.005	ug/mL		EPA 6010D
	Magnesium	-0.006	0.050	ug/mL		EPA 6010D
	Manganese	0.0005	0.005	ug/mL		EPA 6010D
	Nickel	0.0005	0.010	ug/mL		EPA 6010D
	Potassium	0.047	0.050	ug/mL		EPA 6010D
	Selenium	0.002	0.025	ug/mL		EPA 6010D
	Silver	0.0009	0.005	ug/mL		EPA 6010D
	Sodium	0.078	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0005	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D
S5A1518-CCBA	Aluminum	0.021	0.050	ug/mL		EPA 6010D
	Antimony	0.003	0.025	ug/mL		EPA 6010D
	Arsenic	0.002	0.015	ug/mL		EPA 6010D
	Barium	0.001	0.025	ug/mL		EPA 6010D
	Beryllium	0.00001	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	0.029	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	0.0004	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.025	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCBA	Lead	0.0005	0.005	ug/mL		EPA 6010D
	Magnesium	-0.006	0.050	ug/mL		EPA 6010D
	Manganese	0.0006	0.005	ug/mL		EPA 6010D
	Nickel	0.001	0.010	ug/mL		EPA 6010D
	Potassium	0.146	0.050	ug/mL	*	EPA 6010D
	Selenium	0.002	0.025	ug/mL		EPA 6010D
	Silver	0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.017	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0009	0.010	ug/mL		EPA 6010D
	Zinc	0.002	0.025	ug/mL		EPA 6010D
S5A1518-CCBB	Aluminum	0.013	0.050	ug/mL		EPA 6010D
	Antimony	0.004	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	0.001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00002	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	0.026	0.050	ug/mL		EPA 6010D
	Chromium	-0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0003	0.004	ug/mL		EPA 6010D
	Copper	0.0007	0.020	ug/mL		EPA 6010D
	Iron	0.0007	0.250	ug/mL		EPA 6010D
	Lead	0.0008	0.005	ug/mL		EPA 6010D
	Magnesium	-0.008	0.050	ug/mL		EPA 6010D
	Manganese	0.0005	0.005	ug/mL		EPA 6010D
	Nickel	0.0003	0.010	ug/mL		EPA 6010D
	Potassium	0.077	0.050	ug/mL	*	EPA 6010D
	Selenium	0.003	0.025	ug/mL		EPA 6010D
	Silver	0.0004	0.005	ug/mL		EPA 6010D
	Sodium	0.018	0.500	ug/mL		EPA 6010D
	Thallium	-0.001	0.020	ug/mL		EPA 6010D
	Vanadium	0.0005	0.010	ug/mL		EPA 6010D
	Zinc	0.001	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1518

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCBC	Aluminum	0.023	0.050	ug/mL		EPA 6010D
	Antimony	-0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.003	0.015	ug/mL		EPA 6010D
	Barium	-0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00001	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	-0.016	0.050	ug/mL		EPA 6010D
	Chromium	-0.0003	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.0002	0.020	ug/mL		EPA 6010D
	Iron	0.025	0.250	ug/mL		EPA 6010D
	Lead	-0.0009	0.005	ug/mL		EPA 6010D
	Magnesium	-0.020	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.026	0.050	ug/mL		EPA 6010D
	Selenium	0.001	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.031	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0005	0.010	ug/mL		EPA 6010D
	Zinc	-0.0002	0.025	ug/mL		EPA 6010D
S5A1518-CCBD	Aluminum	0.012	0.050	ug/mL		EPA 6010D
	Antimony	0.001	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0009	0.015	ug/mL		EPA 6010D
	Barium	0.0002	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00006	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	-0.012	0.050	ug/mL		EPA 6010D
	Chromium	-0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	0.00	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	0.007	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1518

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCBD	Lead	0.0004	0.005	ug/mL		EPA 6010D
	Magnesium	-0.021	0.050	ug/mL		EPA 6010D
	Manganese	0.0001	0.005	ug/mL		EPA 6010D
	Nickel	-0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.103	0.050	ug/mL	*	EPA 6010D
	Selenium	0.004	0.025	ug/mL		EPA 6010D
	Silver	0.0006	0.005	ug/mL		EPA 6010D
	Sodium	0.075	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0004	0.010	ug/mL		EPA 6010D
	Zinc	-0.0002	0.025	ug/mL		EPA 6010D
BA50799-BLK1	Aluminum	0.542	4.17	mg/kg wet		EPA 6010D
	Antimony	-0.167	2.08	mg/kg wet		EPA 6010D
	Arsenic	-0.017	1.25	mg/kg wet		EPA 6010D
	Barium	0.00	2.08	mg/kg wet		EPA 6010D
	Beryllium	-0.006	0.042	mg/kg wet		EPA 6010D
	Cadmium	0.008	0.250	mg/kg wet		EPA 6010D
	Calcium	-0.933	4.17	mg/kg wet		EPA 6010D
	Chromium	-0.017	0.417	mg/kg wet		EPA 6010D
	Cobalt	0.067	0.333	mg/kg wet		EPA 6010D
	Copper	0.025	1.67	mg/kg wet		EPA 6010D
	Iron	0.058	20.8	mg/kg wet		EPA 6010D
	Lead	-0.067	0.417	mg/kg wet		EPA 6010D
	Magnesium	-1.76	4.17	mg/kg wet		EPA 6010D
	Manganese	0.00	0.417	mg/kg wet		EPA 6010D
	Nickel	0.025	0.830	mg/kg wet		EPA 6010D
	Potassium	15.7	4.17	mg/kg wet	*	EPA 6010D
	Selenium	0.050	2.08	mg/kg wet		EPA 6010D
	Silver	0.025	0.420	mg/kg wet		EPA 6010D
	Sodium	6.95	41.7	mg/kg wet		EPA 6010D
	Thallium	0.250	1.00	mg/kg wet		EPA 6010D
	Vanadium	0.033	0.830	mg/kg wet		EPA 6010D
	Zinc	0.00	2.08	mg/kg wet		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCBE	Aluminum	0.013	0.050	ug/mL		EPA 6010D
	Antimony	-0.0004	0.025	ug/mL		EPA 6010D
	Arsenic	0.0001	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00003	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	-0.016	0.050	ug/mL		EPA 6010D
	Chromium	-0.0003	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0004	0.004	ug/mL		EPA 6010D
	Copper	0.0008	0.020	ug/mL		EPA 6010D
	Iron	0.015	0.250	ug/mL		EPA 6010D
	Lead	0.0008	0.005	ug/mL		EPA 6010D
	Magnesium	-0.003	0.050	ug/mL		EPA 6010D
	Manganese	0.00	0.005	ug/mL		EPA 6010D
	Nickel	-0.0001	0.010	ug/mL		EPA 6010D
	Potassium	0.136	0.050	ug/mL	*	EPA 6010D
	Selenium	0.001	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.046	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0007	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D
S5A1518-CCBF	Aluminum	0.018	0.050	ug/mL		EPA 6010D
	Antimony	0.003	0.025	ug/mL		EPA 6010D
	Arsenic	-0.0008	0.015	ug/mL		EPA 6010D
	Barium	0.0001	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00004	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	-0.012	0.050	ug/mL		EPA 6010D
	Chromium	0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	0.0005	0.004	ug/mL		EPA 6010D
	Copper	0.0009	0.020	ug/mL		EPA 6010D
	Iron	0.002	0.250	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01 Project: ORFD2301

Sequence: S5A1518 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCBF	Lead	0.002	0.005	ug/mL		EPA 6010D
	Magnesium	-0.025	0.050	ug/mL		EPA 6010D
	Manganese	0.0001	0.005	ug/mL		EPA 6010D
	Nickel	-0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.080	0.050	ug/mL	*	EPA 6010D
	Selenium	0.00	0.025	ug/mL		EPA 6010D
	Silver	0.001	0.005	ug/mL		EPA 6010D
	Sodium	0.064	0.500	ug/mL		EPA 6010D
	Thallium	-0.003	0.020	ug/mL		EPA 6010D
	Vanadium	0.0006	0.010	ug/mL		EPA 6010D
	Zinc	0.0001	0.025	ug/mL		EPA 6010D
S5A1518-CCBG	Aluminum	0.014	0.050	ug/mL		EPA 6010D
	Antimony	0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.001	0.015	ug/mL		EPA 6010D
	Barium	0.0004	0.025	ug/mL		EPA 6010D
	Beryllium	0.00001	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0002	0.003	ug/mL		EPA 6010D
	Calcium	-0.010	0.050	ug/mL		EPA 6010D
	Chromium	-0.0001	0.005	ug/mL		EPA 6010D
	Cobalt	0.0004	0.004	ug/mL		EPA 6010D
	Copper	0.001	0.020	ug/mL		EPA 6010D
	Iron	-0.0008	0.250	ug/mL		EPA 6010D
	Lead	0.003	0.005	ug/mL		EPA 6010D
	Magnesium	-0.012	0.050	ug/mL		EPA 6010D
	Manganese	0.0002	0.005	ug/mL		EPA 6010D
	Nickel	0.0004	0.010	ug/mL		EPA 6010D
	Potassium	0.126	0.050	ug/mL	*	EPA 6010D
	Selenium	0.001	0.025	ug/mL		EPA 6010D
	Silver	0.0008	0.005	ug/mL		EPA 6010D
	Sodium	0.079	0.500	ug/mL		EPA 6010D
	Thallium	-0.002	0.020	ug/mL		EPA 6010D
	Vanadium	0.0003	0.010	ug/mL		EPA 6010D
	Zinc	-0.0001	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6010D

Laboratory: York Analytical Laboratories, Inc. - Stratford

SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: ICP5900-01

Project: ORFD2301

Sequence: S5A1518

Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1518-CCBH	Aluminum	0.018	0.050	ug/mL		EPA 6010D
	Antimony	0.002	0.025	ug/mL		EPA 6010D
	Arsenic	0.0003	0.015	ug/mL		EPA 6010D
	Barium	0.0008	0.025	ug/mL		EPA 6010D
	Beryllium	-0.00005	0.0005	ug/mL		EPA 6010D
	Cadmium	-0.0001	0.003	ug/mL		EPA 6010D
	Calcium	-0.002	0.050	ug/mL		EPA 6010D
	Chromium	0.00	0.005	ug/mL		EPA 6010D
	Cobalt	-0.0001	0.004	ug/mL		EPA 6010D
	Copper	0.006	0.020	ug/mL		EPA 6010D
	Iron	0.018	0.250	ug/mL		EPA 6010D
	Lead	0.010	0.005	ug/mL	*	EPA 6010D
	Magnesium	-0.003	0.050	ug/mL		EPA 6010D
	Manganese	0.0003	0.005	ug/mL		EPA 6010D
	Nickel	0.0002	0.010	ug/mL		EPA 6010D
	Potassium	0.119	0.050	ug/mL	*	EPA 6010D
	Selenium	0.002	0.025	ug/mL		EPA 6010D
	Silver	0.0008	0.005	ug/mL		EPA 6010D
	Sodium	0.042	0.500	ug/mL		EPA 6010D
	Thallium	-0.004	0.020	ug/mL		EPA 6010D
	Vanadium	0.0009	0.010	ug/mL		EPA 6010D
	Zinc	0.001	0.025	ug/mL		EPA 6010D

FORM I

BLANKS

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: Nexion2000C
Project: ORFD2301
Sequence: S5A1516
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1516-ICB1	Antimony	-0.163	1.00	ug/L		EPA 6020B
	Arsenic	0.014	1.00	ug/L		EPA 6020B
	Beryllium	-0.004	0.300	ug/L		EPA 6020B
	Cadmium	0.002	0.500	ug/L		EPA 6020B
	Selenium	0.508	1.00	ug/L		EPA 6020B
	Thallium	-0.006	1.00	ug/L		EPA 6020B
S5A1516-CCB1	Antimony	-0.170	1.00	ug/L		EPA 6020B
	Arsenic	0.049	1.00	ug/L		EPA 6020B
	Beryllium	-0.003	0.300	ug/L		EPA 6020B
	Cadmium	0.003	0.500	ug/L		EPA 6020B
	Selenium	-0.215	1.00	ug/L		EPA 6020B
	Thallium	-0.012	1.00	ug/L		EPA 6020B
S5A1516-CCB2	Antimony	-0.181	1.00	ug/L		EPA 6020B
	Arsenic	-0.020	1.00	ug/L		EPA 6020B
	Beryllium	-0.005	0.300	ug/L		EPA 6020B
	Cadmium	0.002	0.500	ug/L		EPA 6020B
	Selenium	-2.02	1.00	ug/L		EPA 6020B
	Thallium	-0.013	1.00	ug/L		EPA 6020B
BA50767-BLK1	Antimony	-0.246	1.11	ug/L		EPA 6020B
	Arsenic	-0.101	1.11	ug/L		EPA 6020B
	Beryllium	-0.007	0.333	ug/L		EPA 6020B
	Cadmium	0.003	0.556	ug/L		EPA 6020B
	Selenium	-1.51	1.11	ug/L		EPA 6020B
	Thallium	-0.070	1.11	ug/L		EPA 6020B
S5A1516-CCB3	Antimony	-0.174	1.00	ug/L		EPA 6020B
	Arsenic	-0.076	1.00	ug/L		EPA 6020B
	Beryllium	0.0002	0.300	ug/L		EPA 6020B
	Cadmium	0.005	0.500	ug/L		EPA 6020B
	Selenium	-0.669	1.00	ug/L		EPA 6020B
	Thallium	-0.004	1.00	ug/L		EPA 6020B

FORM I

BLANKS

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford SDG: 25A0590

Client: H2M architects + engineers

Instrument ID: Nexion2000C Project: ORFD2301

Sequence: S5A1533 Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1533-ICB1	Antimony	-0.163	1.00	ug/L		EPA 6020B
	Arsenic	0.014	1.00	ug/L		EPA 6020B
	Beryllium	-0.004	0.300	ug/L		EPA 6020B
	Cadmium	0.002	0.500	ug/L		EPA 6020B
	Selenium	0.508	1.00	ug/L		EPA 6020B
	Thallium	-0.006	1.00	ug/L		EPA 6020B
S5A1533-CCB1	Antimony	-0.170	1.00	ug/L		EPA 6020B
	Arsenic	0.049	1.00	ug/L		EPA 6020B
	Beryllium	-0.003	0.300	ug/L		EPA 6020B
	Cadmium	0.003	0.500	ug/L		EPA 6020B
	Selenium	-0.215	1.00	ug/L		EPA 6020B
	Thallium	-0.012	1.00	ug/L		EPA 6020B
S5A1533-CCB2	Antimony	-0.181	1.00	ug/L		EPA 6020B
	Arsenic	-0.020	1.00	ug/L		EPA 6020B
	Beryllium	-0.005	0.300	ug/L		EPA 6020B
	Cadmium	0.002	0.500	ug/L		EPA 6020B
	Selenium	-2.02	1.00	ug/L		EPA 6020B
	Thallium	-0.013	1.00	ug/L		EPA 6020B
S5A1533-CCB5	Antimony	-0.154	1.00	ug/L		EPA 6020B
	Arsenic	-0.097	1.00	ug/L		EPA 6020B
	Beryllium	0.012	0.300	ug/L		EPA 6020B
	Cadmium	0.019	0.500	ug/L		EPA 6020B
	Selenium	0.559	1.00	ug/L		EPA 6020B
	Thallium	0.043	1.00	ug/L		EPA 6020B
S5A1533-CCB6	Antimony	-0.146	1.00	ug/L		EPA 6020B
	Arsenic	0.013	1.00	ug/L		EPA 6020B
	Beryllium	0.016	0.300	ug/L		EPA 6020B
	Cadmium	0.022	0.500	ug/L		EPA 6020B
	Selenium	0.134	1.00	ug/L		EPA 6020B
	Thallium	0.038	1.00	ug/L		EPA 6020B
S5A1533-CCB7	Antimony	-0.131	1.00	ug/L		EPA 6020B
	Arsenic	-0.105	1.00	ug/L		EPA 6020B
	Beryllium	0.020	0.300	ug/L		EPA 6020B

FORM I BLANKS

EPA 6020B

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0590
Client: H2M architects + engineers
Instrument ID: Nexion2000C
Project: ORFD2301
Sequence: S5A1533
Calibration: 01/15/25 1

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S5A1533-CCB7	Cadmium	0.024	0.500	ug/L		EPA 6020B
	Selenium	-0.118	1.00	ug/L		EPA 6020B
	Thallium	0.038	1.00	ug/L		EPA 6020B

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Orient Point
York SDG#25A0694
March 27, 2025
Sampling date: 1/10/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for H2M Architects + Engineers, project located at Orient Point, York Analytical Laboratories, Inc. SDG#25A0694 submitted to Vali-Data of WNY, LLC on January 24, 2025. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines (SOP NO. HW-31, revision 6). The laboratory performed the analysis using Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

DUSR ID	Sample ID	Laboratory ID
1	SV001	25A0694-01
2	SV00X	25A0694-02
3	IA001	25A0694-03
4	OA001	25A0694-04

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD/Duplicate
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check
-Canister Certification Blanks

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples, Compound Quantitation, Initial Calibration and Continuing Calibration.

Samples: DUSR ID#1 and #2 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met except clean canister data was not included in the original package. Those pages are attached.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

METHOD BLANK
All criteria were met except a target analyte was detected in a method blank. This target analyte was not detected in the associated sample, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except 2,2,4-Trimethylpentane was detected in DUSR ID#1 but was not detected in #2. Acrylonitrile, 1,2-Dichlorobenzene, 4-Methyl-2-pentanone, Benzene, Chlorobenzene, Ethylbenzene, o-Xylene, m&p-Xylene, Trichloroethene and Trichlorofluoromethane were detected in DUSR ID#2 but were not detected in #1.

LABORATORY CONTROL SAMPLES
All criteria were met except a couple of target analytes were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS ID	Target analyte	%Rec	Qualifier	Associated Sample
BA51199	Vinyl acetate	51.3	UJ	1
BA51284	Vinyl acetate	49.5	UJ	2-4
BA51284	Ethyl acetate	140	JH	3, 4

The %Rec of a couple of target analytes was outside QC limits, high in the laboratory control samples but they were not detected in the associated samples, so no further action is required.

MS/MSD/DUPLICATE
No MS/MSD/Duplicate was acquired.

COMPOUND QUANTITATION
All criteria were met except the pressure upon receipt for DUSR ID#4 was outside QC limits. All data in this sample should be considered estimated.

INITIAL CALIBRATION
All criteria were met except a target analyte was outside QC limits in the initial calibration and/or the second source calibration verification and should be qualified as estimated in the associated sample, blanks and spikes.

ICal/SSCV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
TO_15AIR2	Vinyl acetate	-38.6	UJ/J	BA51199, BA51284, BA51358, 1-4

CONTINUING CALIBRATION
All criteria were met except a target analyte was outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
S5A2116-CCV1	Bromoform	-56.1	UJ/J	BA51199, 1
S5A2217-CCV1	Bromoform	-57.5	UJ/J	BA51284, 2-4

GC/MS PERFORMANCE CHECK
All criteria were met.

CANISTER CERTIFICATION BLANKS
All criteria were met.

Sample Information

Client Sample ID: SV001 **York Sample ID:** 25A0694-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:37 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	9.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	7.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	9.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	10	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	7.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.5	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	10	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	6.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	10	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	8.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.5	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	6.3	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	9.5	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	6.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	9.0	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	8.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	6.3	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	8.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	9.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	*** 2,2,4-Trimethylpentane**	**3.8**		ug/m³	3.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				
78-93-3	**2-Butanone**	**6.0**		ug/m³	4.0	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	11	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				

Sample Information

Client Sample ID: SV001 **York Sample ID:** 25A0694-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:37 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	21	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	5.6	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**150**		ug/m³	26	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	Acrylonitrile	ND		ug/m³	38	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	Benzene	ND		ug/m³	4.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	7.1	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	9.1	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND	TO-CCV	ug/m³	14	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	5.3	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	4.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	Carbon tetrachloride	ND		ug/m³	2.1	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	6.3	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	3.6	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	6.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	Chloromethane	ND		ug/m³	2.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	4.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	12	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**44000**		ug/m³	97	195.21	EPA TO-15	01/22/2025 13:51	01/23/2025 01:23	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	9.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	5.9	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	15	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**20**		ug/m³	20	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV001 **York Sample ID:** 25A0694-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:37 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	5.6	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	4.9	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	28	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	14	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	5.6	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	4.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	5.9	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	12	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	6.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				
115-07-1	* Propylene	ND		ug/m³	2.3	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				
100-42-5	**Styrene**	**24**		ug/m³	5.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	9.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	8.0	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:				
108-88-3	**Toluene**	**9.2**		ug/m³	5.1	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	5.4	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.2	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	1.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	7.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	TO-LC S-L, ICVE	ug/m³	4.8	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	6.0	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	1.7	13.62	EPA TO-15	01/20/2025 14:36	01/21/2025 05:38	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV00X

York Sample ID: 25A0694-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:38 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.84	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.84	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.63	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.76	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	**1,2-Dichlorobenzene**	**1.5**		ug/m³	0.93	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.63	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.71	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.76	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.93	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.71	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.93	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.36	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
78-93-3	**2-Butanone**	**10**		ug/m³	0.46	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV00X

York Sample ID: 25A0694-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:38 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**5.5**		ug/m³	0.63	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**250**		ug/m³	29	15.45	EPA TO-15	01/21/2025 13:51	01/22/2025 04:19	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**14**		ug/m³	4.4	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**2.3**		ug/m³	0.49	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.80	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND	TO-CCV	ug/m³	1.6	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.60	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.48	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.24	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	**Chlorobenzene**	**3.1**		ug/m³	0.71	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.41	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.75	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	Chloromethane	ND		ug/m³	0.32	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.70	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.53	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**100000**		ug/m³	290	592.79	EPA TO-15	01/22/2025 13:51	01/23/2025 12:39	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
100-41-4	**Ethyl Benzene**	**8.8**		ug/m³	0.67	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**20**		ug/m³	2.3	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.63	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: SV00X

York Sample ID: 25A0694-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Soil Vapor	January 10, 2025 8:38 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.56	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	3.2	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	1.6	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.63	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.54	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.67	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**2.8**		ug/m³	1.3	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.76	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
115-07-1	* Propylene	ND		ug/m³	0.27	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
100-42-5	**Styrene**	**73**		ug/m³	0.66	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	1.0	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.91	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:				
108-88-3	**Toluene**	**9.4**		ug/m³	0.58	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.61	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.70	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**0.58**		ug/m³	0.21	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.5**		ug/m³	0.87	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.54	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.68	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.20	1.545	EPA TO-15	01/21/2025 13:51	01/22/2025 11:29	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: **IA001** **York Sample ID:** **25A0694-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Indoor Ambient Air	January 10, 2025 8:40 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.59	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.47	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.59	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.66	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.47	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.35	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.086	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.64	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.43	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.67	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.35	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.40	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.61	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.43	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.57	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.52	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.40	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.52	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* **2,2,4-Trimethylpentane**	**3.3**		ug/m³	0.20	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
78-93-3	**2-Butanone**	**0.38**		ug/m³	0.26	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.71	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	1.4	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA001 **York Sample ID:** 25A0694-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Indoor Ambient Air	January 10, 2025 8:40 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.82**		ug/m³	0.35	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**15**		ug/m³	1.6	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**28**		ug/m³	2.4	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.55**		ug/m³	0.28	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.45	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.58	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND	TO-CCV	ug/m³	0.90	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.34	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.27	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.33**		ug/m³	0.14	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.40	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.23	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.42	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.18	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.086	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.39	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.30	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.74	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**6.9**		ug/m³	0.43	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	*** Ethyl acetate**	**0.62**		ug/m³	0.62	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	0.38	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.92	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	**Isopropanol**	**4.9**		ug/m³	1.3	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	**Methyl Methacrylate**	**0.50**		ug/m³	0.35	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: IA001 **York Sample ID:** 25A0694-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Indoor Ambient Air	January 10, 2025 8:40 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.31	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.8	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	0.91	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NJDEP-NY037			
142-82-5	**n-Heptane**	**0.75**		ug/m³	0.35	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	**n-Hexane**	**0.31**		ug/m³	0.31	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.38	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.75	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.43	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
115-07-1	* Propylene	ND		ug/m³	0.15	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
100-42-5	Styrene	ND		ug/m³	0.37	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.59	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.51	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:				
108-88-3	**Toluene**	**5.2**		ug/m³	0.33	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.34	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.39	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.49	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.30	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.38	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.866	EPA TO-15	01/21/2025 13:51	01/22/2025 02:22	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OA001 **York Sample ID:** 25A0694-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Outdoor Ambient Ai	January 10, 2025 8:35 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.56	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.44	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.56	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.62	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.44	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.33	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.080	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.60	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.40	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.62	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.49	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.33	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.37	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.57	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.40	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
106-99-0	1,3-Butadiene	ND		ug/m³	0.54	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.49	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.37	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.49	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	0.19	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
78-93-3	**2-Butanone**	**0.60**		ug/m³	0.24	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
591-78-6	* 2-Hexanone	ND		ug/m³	0.66	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
107-05-1	3-Chloropropene	ND		ug/m³	1.3	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OA001 **York Sample ID:** 25A0694-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Outdoor Ambient Ai	January 10, 2025 8:35 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.33	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-64-1	**Acetone**	**2.9**		ug/m³	1.5	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
107-13-1	**Acrylonitrile**	**17**		ug/m³	2.3	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
71-43-2	**Benzene**	**0.44**		ug/m³	0.26	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
100-44-7	Benzyl chloride	ND		ug/m³	0.42	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-27-4	Bromodichloromethane	ND		ug/m³	0.54	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-25-2	Bromoform	ND	TO-CCV	ug/m³	0.84	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-83-9	Bromomethane	ND		ug/m³	0.31	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-15-0	Carbon disulfide	ND		ug/m³	0.25	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
56-23-5	**Carbon tetrachloride**	**0.41**		ug/m³	0.13	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-90-7	Chlorobenzene	ND		ug/m³	0.37	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-00-3	Chloroethane	ND		ug/m³	0.21	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-66-3	Chloroform	ND		ug/m³	0.40	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.17	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.080	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.37	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-82-7	Cyclohexane	ND		ug/m³	0.28	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
124-48-1	Dibromochloromethane	ND		ug/m³	0.69	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-71-8	**Dichlorodifluoromethane**	**11**		ug/m³	0.40	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
141-78-6	* **Ethyl acetate**	**0.99**	TO-LCS-H	ug/m³	0.58	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
100-41-4	Ethyl Benzene	ND		ug/m³	0.35	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.86	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
67-63-0	Isopropanol	ND		ug/m³	1.2	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
80-62-6	Methyl Methacrylate	ND		ug/m³	0.33	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: OA001 **York Sample ID:** 25A0694-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25A0694	ORFD2301	Outdoor Ambient Ai	January 10, 2025 8:35 am	01/13/2025

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.29	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-09-2	Methylene chloride	ND		ug/m³	1.7	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
91-20-3	* Naphthalene	ND		ug/m³	0.85	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NJDEP-NY037			
142-82-5	n-Heptane	ND		ug/m³	0.33	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
110-54-3	n-Hexane	ND		ug/m³	0.29	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
95-47-6	o-Xylene	ND		ug/m³	0.35	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.70	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.40	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
115-07-1	* Propylene	ND		ug/m³	0.14	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
100-42-5	Styrene	ND		ug/m³	0.35	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
127-18-4	Tetrachloroethylene	ND		ug/m³	0.55	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.48	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:				
108-88-3	**Toluene**	**0.43**		ug/m³	0.31	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.32	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.37	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.46	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND	ICVE, TO-LCS-L	ug/m³	0.29	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.35	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.811	EPA TO-15	01/21/2025 13:51	01/22/2025 03:27	YR
						Certifications:	NELAC-NY12058,NJDEP-NY037			

York Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with York Analytical sample ID, identifying the matrix and Date/Time collected and received at York.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:

    - Analyte qualifier summary
    - Samples and associated Calibration Curve(s)
    - Calibration Outliers Discussion/Tabular presentation and affected samples
    - Initial Calibration Verification (ICV) information
    - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
    - Internal Standard Performance
    - Surrogate Performance
    - Example Calculations

Work Order Narrative

York Analytical Work Order No.: 25A0694

Client : H2M architects + engineers

Client Project ID : ORFD2301

Prepared for : Stephen Kaplan

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 01/13/2025 4:50 PM

4 Air sample(s) were received intact unless otherwise noted.

Sample Summary

SampleName	Lab Number	Matrix	Date Collected	Date Received
SV001	25A0694-01	Air	01/10/2025 8:37 AM	01/13/2025 4:50 PM
SV00X	25A0694-02	Air	01/10/2025 8:38 AM	01/13/2025 4:50 PM
IA001	25A0694-03	Air	01/10/2025 8:40 AM	01/13/2025 4:50 PM
OA001	25A0694-04	Air	01/10/2025 8:35 AM	01/13/2025 4:50 PM

WorkOrder Comments

2.0 Methodology

Analysis Class	*Preparation Method*	*Analysis Methodology*
AIR	EPA TO15 PREP	EPA TO-15

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
SV001	EPA TO-15	25A0694-01	Air	Bromoform	TO-CCV
SV001	EPA TO-15	25A0694-01	Air	Vinyl acetate	ICVE
SV001	EPA TO-15	25A0694-01	Air	Vinyl acetate	TO-LCS-L
SV00X	EPA TO-15	25A0694-02	Air	Bromoform	TO-CCV
SV00X	EPA TO-15	25A0694-02	Air	Vinyl acetate	TO-LCS-L
SV00X	EPA TO-15	25A0694-02	Air	Vinyl acetate	ICVE
IA001	EPA TO-15	25A0694-03	Air	Bromoform	TO-CCV
IA001	EPA TO-15	25A0694-03	Air	Vinyl acetate	TO-LCS-L
IA001	EPA TO-15	25A0694-03	Air	Vinyl acetate	ICVE
OA001	EPA TO-15	25A0694-04	Air	Bromoform	TO-CCV
OA001	EPA TO-15	25A0694-04	Air	Ethyl acetate	TO-LCS-H
OA001	EPA TO-15	25A0694-04	Air	Vinyl acetate	TO-LCS-L
OA001	EPA TO-15	25A0694-04	Air	Vinyl acetate	ICVE

Qualifier Definitions :

ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.

4.0 Analysis Issues

EPA TO-15

Volatile Organics, EPA TO15 Full List

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SK40005

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SK40005	S4K0648	S4K0648	Secondary Cal Check	S4K0648-SCV1	TO15_AIR2	TQ229727.D
SK40005	S5A2116	S5A2116	Calibration Check	S5A2116-CCV1	TO15_AIR2	TQ231120.D
SK40005	BA51199	S5A2116	LCS	BA51199-BS1	TO15_AIR2	TQ231121.D
SK40005	BA51199	S5A2116	Blank	BA51199-BLK1	TO15_AIR2	TQ231126.D
SK40005	BA51199	S5A2116	SV001	25A0694-01	TO15_AIR2	TQ231135.D
SK40005	S5A2217	S5A2217	Calibration Check	S5A2217-CCV1	TO15_AIR2	TQ231144.D
SK40005	BA51284	S5A2217	LCS	BA51284-BS1	TO15_AIR2	TQ231145.D
SK40005	BA51284	S5A2217	Blank	BA51284-BLK1	TO15_AIR2	TQ231147.D
SK40005	BA51284	S5A2217	IA001	25A0694-03	TO15_AIR2	TQ231154.D
SK40005	BA51284	S5A2217	OA001	25A0694-04	TO15_AIR2	TQ231155.D
SK40005	BA51284	S5A2217	SV00X	25A0694-02RE1	TO15_AIR2	TQ231156.D
SK40005	BA51284	S5A2217	SV00X	25A0694-02	TO15_AIR2	TQ231163.D
SK40005	S5A2318	S5A2318	Calibration Check	S5A2318-CCV1	TO15_AIR2	TQ231166.D
SK40005	BA51358	S5A2318	LCS	BA51358-BS1	TO15_AIR2	TQ231167.D
SK40005	BA51358	S5A2318	Blank	BA51358-BLK1	TO15_AIR2	TQ231169.D
SK40005	BA51358	S5A2318	SV001	25A0694-01RE1	TO15_AIR2	TQ231177.D
SK40005	BA51358	S5A2318	SV00X	25A0694-02RE2	TO15_AIR2	TQ231187.D

Initial calibration for EPA TO-15 met method guidelines.

York Analytical Work Order Narrative

EPA TO-15

Initial Calibration Verification-

The initial calibration verification for analytical method EPA TO-15

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SK40005	S4K0648-SCV1	Vinyl acetate	10.0	6.14	**61.4**	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S5A2116-CCV1	Calibration Check	TQ231120.D
BA51199-BS1	LCS	TQ231121.D
BA51199-BLK1	Blank	TQ231126.D
25A0694-01	SV001	TQ231135.D
S5A2217-CCV1	Calibration Check	TQ231144.D
BA51284-BS1	LCS	TQ231145.D
BA51284-BLK1	Blank	TQ231147.D
25A0694-03	IA001	TQ231154.D
25A0694-04	OA001	TQ231155.D
25A0694-02	SV00X	TQ231163.D
S5A2318-CCV1	Calibration Check	TQ231166.D
BA51358-BS1	LCS	TQ231167.D
BA51358-BLK1	Blank	TQ231169.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SK40005	S5A2116	S5A2116-CCV1	TQ231120.D	01/20/25 15:22
SK40005	S5A2217	S5A2217-CCV1	TQ231144.D	01/21/25 16:51
SK40005	S5A2318	S5A2318-CCV1	TQ231166.D	01/22/25 15:19

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits		File ID
SK40005	S5A2116-CCV1	Bromoform	ppbv	4.39	10.0	**43.9**	70	130	TQ231120.D
SK40005	S5A2217-CCV1	Bromoform	ppbv	4.25	10.0	**42.5**	70	130	TQ231144.D
SK40005	S5A2318-CCV1	Bromoform	ppbv	3.61	10.0	**36.1**	70	130	TQ231166.D
SK40005	S5A2318-CCV1	Vinyl acetate	ppbv	5.97	10.0	**59.7**	70	130	TQ231166.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SK40005	S5A2116	BA51199-BS1	LCS		TQ231121.D
SK40005	S5A2116	BA51199-BLK1	Blank		TQ231126.D
SK40005	S5A2116	25A0694-01	SV001		TQ231135.D
SK40005	S5A2217	BA51284-BS1	LCS		TQ231145.D
SK40005	S5A2217	BA51284-BLK1	Blank		TQ231147.D
SK40005	S5A2217	25A0694-03	IA001		TQ231154.D
SK40005	S5A2217	25A0694-04	OA001		TQ231155.D
SK40005	S5A2217	25A0694-02	SV00X		TQ231163.D
SK40005	S5A2318	BA51358-BS1	LCS		TQ231167.D
SK40005	S5A2318	BA51358-BLK1	Blank		TQ231169.D

York Analytical Work Order Narrative

EPA TO-15

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
AIR	BA51199	S5A2116	TO15_AIR2	BA51199-BLK1	TQ231126.D
AIR	BA51284	S5A2217	TO15_AIR2	BA51284-BLK1	TQ231147.D
AIR	BA51358	S5A2318	TO15_AIR2	BA51358-BLK1	TQ231169.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID
SK40005	5A2116	BA51199-BS1	LCS	TQ231121.D
SK40005	5A2217	BA51284-BS1	LCS	TQ231145.D
SK40005	5A2318	BA51358-BS1	LCS	TQ231167.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S5A2116	LCS	BA51199-BS1	Ethyl acetate		**142**		70 - 130	
S5A2116	LCS	BA51199-BS1	Vinyl acetate		**51.3**		70 - 130	
S5A2116	LCS	BA51199-BS1	Vinyl Chloride		**131**		70 - 130	
S5A2217	LCS	BA51284-BS1	Ethyl acetate		**140**		70 - 130	
S5A2217	LCS	BA51284-BS1	Vinyl acetate		**49.5**		70 - 130	
S5A2318	LCS	BA51358-BS1	Vinyl acetate		**38.3**		70 - 130	

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BA51199	25A0694-01	SV001	
BA51284	25A0694-02	SV00X	
BA51284	25A0694-03	IA001	
BA51284	25A0694-04	OA001	
BA51199	BA51199-BLK1	Blank	
BA51284	BA51284-BLK1	Blank	
BA51358	BA51358-BLK1	Blank	

EPA TO-15

Dilutions:

	SpecificMethod	Batch	SampleName	LabNumber	Dilution
	EPA TO-15	BA51199	SV001	25A0694-01	13.62
	EPA TO-15	BA51358	SV001	25A0694-01RE1	195.21
	EPA TO-15	BA51284	SV00X	25A0694-02	1.545
	EPA TO-15	BA51284	SV00X	25A0694-02RE1	15.45
	EPA TO-15	BA51358	SV00X	25A0694-02RE2	592.79

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0694
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Air		
Batch:	BA51199	Laboratory ID:	BA51199-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	10.7	107	70 - 130
trans-1,2-Dichloroethylene	10.0	11.4	114	70 - 130
trans-1,3-Dichloropropylene	10.0	11.1	111	70 - 130
Trichloroethylene	10.0	10.8	108	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.0	110	70 - 130
Vinyl acetate	10.0	5.13	51.3 *	70 - 130
Vinyl bromide	10.0	11.6	116	70 - 130
Vinyl Chloride	10.0	13.1	131 *	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0694
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Air		
Batch:	BA51284	Laboratory ID:	BA51284-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	11.2	112	70 - 130
Bromomethane	10.0	11.0	110	70 - 130
Carbon disulfide	10.0	11.0	110	70 - 130
Carbon tetrachloride	10.0	9.71	97.1	70 - 130
Chlorobenzene	10.0	11.3	113	70 - 130
Chloroethane	10.0	11.2	112	70 - 130
Chloroform	10.0	11.7	117	70 - 130
Chloromethane	10.0	11.1	111	70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109	70 - 130
cis-1,3-Dichloropropylene	10.0	11.1	111	70 - 130
Cyclohexane	10.0	12.1	121	70 - 130
Dibromochloromethane	10.0	11.2	112	70 - 130
Dichlorodifluoromethane	10.0	11.4	114	70 - 130
Ethyl acetate	10.0	14.0	140 *	70 - 130
Ethyl Benzene	10.0	11.6	116	70 - 130
Hexachlorobutadiene	10.0	8.51	85.1	70 - 130
Isopropanol	10.0	9.57	95.7	70 - 130
Methyl Methacrylate	10.0	10.8	108	70 - 130
Methyl tert-butyl ether (MTBE)	10.0	11.5	115	70 - 130
Methylene chloride	10.0	11.8	118	70 - 130
Naphthalene	10.0	11.0	110	70 - 130
n-Heptane	10.0	11.6	116	70 - 130
n-Hexane	10.0	12.1	121	70 - 130
o-Xylene	10.0	11.9	119	70 - 130
p- & m- Xylenes	20.0	23.7	119	70 - 130
p-Ethyltoluene	10.0	12.2	122	70 - 130
Propylene	10.0	11.3	113	70 - 130
Styrene	10.0	12.3	123	70 - 130
Tetrachloroethylene	10.0	11.1	111	70 - 130
Tetrahydrofuran	10.0	11.6	116	70 - 130

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0694
Client:	H2M architects + engineers	Project:	ORFD2301
Matrix:	Air		
Batch:	BA51284	Laboratory ID:	BA51284-BS1
Preparation:	EPA TO15 PREP	Initial/Final:	400 mL / 400 mL

COMPOUND	SPIKE ADDED (ppbv)	LCS CONCENTRATION (ppbv)	LCS % REC. #	QC LIMITS REC.
Toluene	10.0	11.0	110	70 - 130
trans-1,2-Dichloroethylene	10.0	11.8	118	70 - 130
trans-1,3-Dichloropropylene	10.0	11.5	115	70 - 130
Trichloroethylene	10.0	10.8	108	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.1	111	70 - 130
Vinyl acetate	10.0	4.95	49.5 *	70 - 130
Vinyl bromide	10.0	11.7	117	70 - 130
Vinyl Chloride	10.0	11.7	117	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA TO-15

Laboratory: York Analytical Laboratories, Inc. - Stratford
SDG: 25A0694
Client: H2M architects + engineers
Project: ORFD2301
Calibration: SK40005
Laboratory ID: S4K0648-SCV1
Sequence: S4K0648
Standard ID: S24K089

ANALYTE	EXPECTED (ppbv)	FOUND (ppbv)	% DIFF	QC LIMIT
p- & m- Xylenes	20.0	20.8	4.1	30.00
p-Ethyltoluene	10.0	11.1	10.7	30.00
Propylene	10.0	9.84	-1.6	30.00
Styrene	10.0	11.1	10.9	30.00
Tetrachloroethylene	10.0	10.2	2.3	30.00
Tetrahydrofuran	10.0	9.44	-5.6	30.00
Toluene	10.0	9.90	-1.0	30.00
trans-1,2-Dichloroethylene	10.0	10.1	0.8	30.00
trans-1,3-Dichloropropylene	10.0	10.6	6.0	30.00
Trichloroethylene	10.0	9.81	-1.9	30.00
Trichlorofluoromethane (Freon 11)	10.0	10.0	0.4	30.00
Vinyl acetate	10.0	6.14	-38.6 *	30.00
Vinyl bromide	10.0	10.5	5.0	30.00
Vinyl Chloride	10.0	10.0	0.4	30.00

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0694
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	TO15_AIR2	Calibration:	SK40005
Lab File ID:	TQ231120.D	Calibration Date:	10/17/24 12:25
Sequence:	S5A2116	Injection Date:	01/20/25
Lab Sample ID:	S5A2116-CCV1	Injection Time:	15:22

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	9.69	0.575217	0.5572485		-3.1	30	
Bromoform	A	10.0	4.39	0.6422431	0.2821152		-56.1	30	*
Bromomethane	A	10.0	10.4	1.166646	1.21758		4.4	30	
Carbon disulfide	A	10.0	10.6	3.343189	3.561844		6.5	30	
Carbon tetrachloride	A	10.0	8.84	2.235372	1.939221		-13.2	30	
Chlorobenzene	A	10.0	11.4	0.9587582	1.097633		14.5	30	
Chloroethane	A	10.0	10.6	0.4647031	0.4948976		6.5	30	
Chloroform	A	10.0	10.9	2.663539	2.903808		9.0	30	
Chloromethane	A	10.0	11.9	1.494402	1.778597		19.0	30	
cis-1,2-Dichloroethylene	A	10.0	10.6	1.708767	1.807772		5.8	30	
cis-1,3-Dichloropropylene	A	10.0	11.2	0.4273941	0.479128		12.1	30	
Cyclohexane	A	10.0	11.3	1.576505	1.778316		12.8	30	
Dibromochloromethane	A	10.0	11.2	0.374688	0.4187531		11.8	30	
Dichlorodifluoromethane	A	10.0	10.4	3.274785	3.405626		4.0	30	
Ethyl acetate	A	10.0	11.2	2.682466	3.011412		12.3	30	
Ethyl Benzene	A	10.0	11.6	1.497347	1.732205		15.7	30	
Hexachlorobutadiene	A	10.0	8.58	0.6650759	0.5708799		-14.2	30	
Isopropanol	A	10.0	10.1	2.233259	2.248718		0.7	30	
Methyl Methacrylate	A	10.0	11.2	0.2748883	0.3063746		11.5	30	
Methyl tert-butyl ether (MTBE)	A	10.0	10.7	3.188118	3.416241		7.2	30	
Methylene chloride	A	10.0	11.2	1.781191	1.502168		12.1	30	
Naphthalene	A	10.0	9.96	1.524569	1.51879		-0.4	30	
n-Heptane	A	10.0	10.8	1.996446	2.165326		8.5	30	
n-Hexane	A	10.0	11.2	1.503098	1.676806		11.6	30	
o-Xylene	A	10.0	11.9	1.178269	1.403294		19.1	30	
p- & m- Xylenes	A	20.0	23.7	1.189347	1.408538		18.4	30	
p-Ethyltoluene	A	10.0	12.2	1.598936	1.952752		22.1	30	
Propylene	A	10.0	10.4	0.505663	0.5281843		4.5	30	
Styrene	A	10.0	12.3	0.9089661	1.118121		23.0	30	

FORM VII

CONTINUING CALIBRATION CHECK

EPA TO-15

Laboratory:	York Analytical Laboratories, Inc. - Stratford	SDG:	25A0694
Client:	H2M architects + engineers	Project:	ORFD2301
Instrument ID:	TO15_AIR2	Calibration:	SK40005
Lab File ID:	TQ231144.D	Calibration Date:	10/17/24 12:25
Sequence:	S5A2217	Injection Date:	01/21/25
Lab Sample ID:	S5A2217-CCV1	Injection Time:	16:51

		CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromodichloromethane	A	10.0	9.80	0.575217	0.5636578		-2.0	30	
Bromoform	A	10.0	4.25	0.6422431	0.2728162		-57.5	30	*
Bromomethane	A	10.0	10.2	1.166646	1.189413		2.0	30	
Carbon disulfide	A	10.0	10.6	3.343189	3.550319		6.2	30	
Carbon tetrachloride	A	10.0	8.54	2.235372	1.873555		-16.2	30	
Chlorobenzene	A	10.0	11.8	0.9587582	1.127195		17.6	30	
Chloroethane	A	10.0	10.8	0.4647031	0.5009563		7.8	30	
Chloroform	A	10.0	11.0	2.663539	2.942624		10.5	30	
Chloromethane	A	10.0	10.8	1.494402	1.605881		7.5	30	
cis-1,2-Dichloroethylene	A	10.0	10.4	1.708767	1.767957		3.5	30	
cis-1,3-Dichloropropylene	A	10.0	11.3	0.4273941	0.4843838		13.3	30	
Cyclohexane	A	10.0	11.0	1.576505	1.733107		9.9	30	
Dibromochloromethane	A	10.0	11.3	0.374688	0.4221359		12.7	30	
Dichlorodifluoromethane	A	10.0	10.3	3.274785	3.372737		3.0	30	
Ethyl acetate	A	10.0	10.9	2.682466	2.921575		8.9	30	
Ethyl Benzene	A	10.0	11.6	1.497347	1.735877		15.9	30	
Hexachlorobutadiene	A	10.0	8.56	0.6650759	0.569629		-14.4	30	
Isopropanol	A	10.0	9.85	2.233259	2.200628		-1.5	30	
Methyl Methacrylate	A	10.0	11.5	0.2748883	0.315138		14.6	30	
Methyl tert-butyl ether (MTBE)	A	10.0	10.8	3.188118	3.428869		7.6	30	
Methylene chloride	A	10.0	11.1	1.781191	1.484883		10.8	30	
Naphthalene	A	10.0	10.4	1.524569	1.583958		3.9	30	
n-Heptane	A	10.0	11.0	1.996446	2.191096		9.7	30	
n-Hexane	A	10.0	11.2	1.503098	1.681411		11.9	30	
o-Xylene	A	10.0	12.2	1.178269	1.433106		21.6	30	
p- & m- Xylenes	A	20.0	24.2	1.189347	1.442091		21.3	30	
p-Ethyltoluene	A	10.0	12.0	1.598936	1.920524		20.1	30	
Propylene	A	10.0	10.2	0.505663	0.5155909		2.0	30	
Styrene	A	10.0	12.4	0.9089661	1.131308		24.5	30	

PREPARATION BENCH SHEET-AIR : BA51284

Preparation Date: 01/21/2025 13:51

York Analytical Laboratories, Inc. - Stratford

Printed: 2/7/2025 3:30:24PM

Matrix: Air

Preparation: EPA TO15 PREP

Lab Number	Analysis	Canister Vacuum (in. Hg) upon receipt	Final Canister Press. (psig) for Analysis	Qualifier	LCS No. &Source ID for Duplicate	Comments
25A0646-01 A	Volatile Organics, EPA TO15 Full List					Added for BatchQC in: BA5
25A0646-01 A	Volatile Organics, TO15 Tent. Identified Cmpds	-2.35	+5.10			
25A0646-01 A	VOA, TO15 MASTER	-2.35	+5.10			
25A0694-02 A	Volatile Organics, EPA TO15 Full List	-3.61	+5.27			
25A0694-02RE1 A	Volatile Organics, EPA TO15 Full List	-3.61	+5.27			Added 1/23/2025 by BMC
25A0694-03 A	Volatile Organics, EPA TO15 Full List	-3.29	+6.58			
25A0694-04 A	Volatile Organics, EPA TO15 Full List	+1.92	+6.24			
25A0984-01 A	Volatile Organics, EPA TO15 Full List	-6.27	+5.80			
25A0984-02 A	Volatile Organics, EPA TO15 Full List	-4.60	+5.40			
25A1011-01 A	Volatile Organics, EPA TO15 Full List	-0.83	+4.33			
25A1011-01RE1 A	Volatile Organics, EPA TO15 Full List	-0.83	+4.33			Added 1/22/2025 by BMC
25A1011-02 A	Volatile Organics, EPA TO15 Full List	-7.53	+5.96			
25A1755-01 A	VOA, TO15 MASTER	1	1			
25A1755-05 A	VOA, TO15 MASTER	1	1			
25A1755-06 A	VOA, TO15 MASTER	1	1			
BA51284-BLK1	QC	NA	NA			
BA51284-BS1	QC	NA	NA		S25A225	
BA51284-DUP1	QC	-2.35	+5.10		25A0646-01	

From BL41920 on 12/31/2024 by YR

Preparations Performed by **BMC** **Date:** **01/21/2025 13:51**

YORK
ANALYTICAL LABORATORIES INC

Air Sampling Media Request Form

132-02 89th Avenue
Richmond Hill, New York 11418
TEL: *203-325-1371*

Canister Order No.: 8586

Order Date: 12/18/2024

Requested By : jpitta

Client:

Company: **H2M architects + engineers**

Client Contact: Thomas Brown

Address: 290 Broad Hollow Road, 4th Floor East
Melville, NY 11747

Hardware Needed By: 1/6/2025 am

Phone: 631-756-8000

Expected Return Date: 1/20/2025

Project:

Ship Date:

Delivery Method:	**York Courier**
Drop Off Address:	**Drop off to Islandia office**
Special Instructions / Additional Info:	

Type of Sample: Air

Type	Size	Technique	Flow Rate	Sample Time (hr)	Quantity	IndivCert	DigitalGauge
CANISTER	6	RESTRICTEDSAMPLING		24 HR	4	No	No

Hardware Details :

Description	Type	Serial Number	Lab Sample ID	Cert Batch No	Flow Rate(ml/min)
Canister	6	23991	25A0694-01	9795	
Canister	6	34496	25A0694-02	9795	
Canister	6	36963	25A0694-04	9795	
Canister	6	48319	25A0694-03	9795	
FlowController	CS1200E	17987	25A0694-03		3.6
FlowController	CS1200ES	19432	25A0694-01		3.6
FlowController	CS1200E	20436	25A0694-02		3.6
FlowController	CS1200E	21044	25A0694-04		3.6

YORK
ANALYTICAL LABORATORIES INC

USE AGREEMENT FORM

Summa Canisters and Flow Controllers

1. **York Analytical Laboratories, Inc. (YORK) has provided the specifically identified asset(s) on the Air Sampling Media Rrequest form for your exclusive use. These assets were provided to you on the date indicated, in proper working order, certified clean and calibrated where appropriate. By signing this Agreement Form you acknowledge that assets signed for will be returned in the same condition as received. York is providing you will a valuable asset(s) (the canisters and flow controllers have a combined value of $1225). As such, York may require a credit card to serve as collateral for the loan of these assets.**

2. **Assets that are damaged, lost or stolen will be billed to you for replacement at the following costs:**
   - **Replacement flow controller (analog gauge) - $585.00**
   - **Replacement flow controller (digital gauge) - $795.00**
   - **Summa Canisters - $ 640.00**

3. **Limits on Time of Use – Canisters and flow controllers must be returned to York within 14 days of receipt. After such time, York may charge $50 /week (1 week minimum) for each flow controller/canister set not returned.**

4. **Return of Unused Canisters/Flow Controllers – For each project, York prepares canisters by certifying them clean (either batch or individual) and calibrates the flow controllers to your project specifications. York provides one extra canister/flow controller set as field contingency units at no fee. For canister and flow controllers requested but not used (excepting the contingency unit) there will be a $75 per canister/flow controller unit not used for sampling.**

5. **By signing the front of this form you agree to the above terms and conditions.**

_____ _____ _____

Customer Signature **Date** **York Asset Control Officer**

Contact: Clientservices@yorklab.com **203-325-1371**

120 Research Drive ***Stratford, CT 06615***
132-02 89th Ave. ***Richmond Hill, NY 11418***

YORK
ANALYTICAL LABORATORIES INC

Laboratory Bench Sheet

Canister Order No.: 8586

Date: 1/3/2025 11:34:46 AM

Batch.:

Sample ID	Hardare SN	Field final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch No.	Batch No.

Batch.: BA51199

Sample ID	Hardare SN	Field final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch No.	Batch No.
25A0694-01	23991	-2	0	-0.27 InHg	5.15 psig	1.362	400	1	1.362	9795	BA51199

Batch.: BA51284

Sample ID	Hardare SN	Field final P	Lab Receipt P	Initial Analysis Pressure	Final Analysis Pressure	Pressure DF	Sample Volume	Analysis DF	Final DF	Cert Batch No.	Batch No.
25A0694-03	48319	-6	-6	-3.29 InHg	6.58 psig	1.626	750	0.533	0.866	9795	BA51284
25A0694-04	36963	-2	0	1.92 InHg	6.24 psig	1.522	750	0.533	0.811	9795	BA51284
25A0694-02	34496	-6	-4	-3.61 InHg	5.27 psig	1.545	400	1	1.545	9795	BA51284

York Analytical Canister Batch Certification Report

Cleaning Batch ID: 9795

Technician: Luis
Batch Cleaning Date: 12/29/2024
Cert Run Analysis Date: 1/2/2025 6:38:00 PM
Certification Date: 1/3/2025

Heating Unit: Oven 4
Cleaning Cycles: 15
Method Blank SN: 50986
CertificationRunID: 5975C_BL41473

Hardware SN	type	Analyzed	Cert Run. ID	File ID	Cert Time	
15525	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:30 AM	Fin.Pressure: -30 1/3/2025 11:03:49 AM	Pass:	**Yes**
16156	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:30 AM	Fin.Pressure: -30 1/3/2025 11:03:53 AM	Pass:	**Yes**
23799	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:31 AM	Fin.Pressure: -30 1/3/2025 11:03:54 AM	Pass:	**Yes**
23991	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:31 AM	Fin.Pressure: -30 1/3/2025 11:03:55 AM	Pass:	**Yes**
23995	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:32 AM	Fin.Pressure: -30 1/3/2025 11:03:55 AM	Pass:	**Yes**
34496	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:33 AM	Fin.Pressure: -30 1/3/2025 11:03:56 AM	Pass:	**Yes**
36963	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:34 AM	Fin.Pressure: -30 1/3/2025 11:03:56 AM	Pass:	**Yes**
48319	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:34 AM	Fin.Pressure: -30 1/3/2025 11:03:57 AM	Pass:	**Yes**
48320	6	Yes	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:35 AM	Fin.Pressure: -30 1/3/2025 11:03:57 AM	Pass:	**Yes**
QBS			**5975C_BL41473**	**TO306606.D**	**1/2/2025 6:38:00 PM**	
49461	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:36 AM	Fin.Pressure: -30 1/3/2025 11:03:58 AM	Pass:	**Yes**
51004	6	No	**Leak Check:** Init.Pressure: -30 Date /Time: 12/30/2024 7:34:36 AM	Fin.Pressure: -30 1/3/2025 11:03:59 AM	Pass:	**Yes**

Quantitation Report (QT Reviewed)

Data Path : D:\010225\
Data File : TO306606.D
Acq On : 2 Jan 2025 6:38 pm
Operator : YR
Sample : BL41473-BLKJ
Misc : QBTO1010225A QBS 9795 SN 48320
ALS Vial : 9 Sample Multiplier: 1
InstName : 5975C

Quant Time: Jan 03 09:21:25 2025
Quant Method : C:\msdchem\1\methods\AIR175.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Dec 06 14:27:25 2024
Response via : Initial Calibration

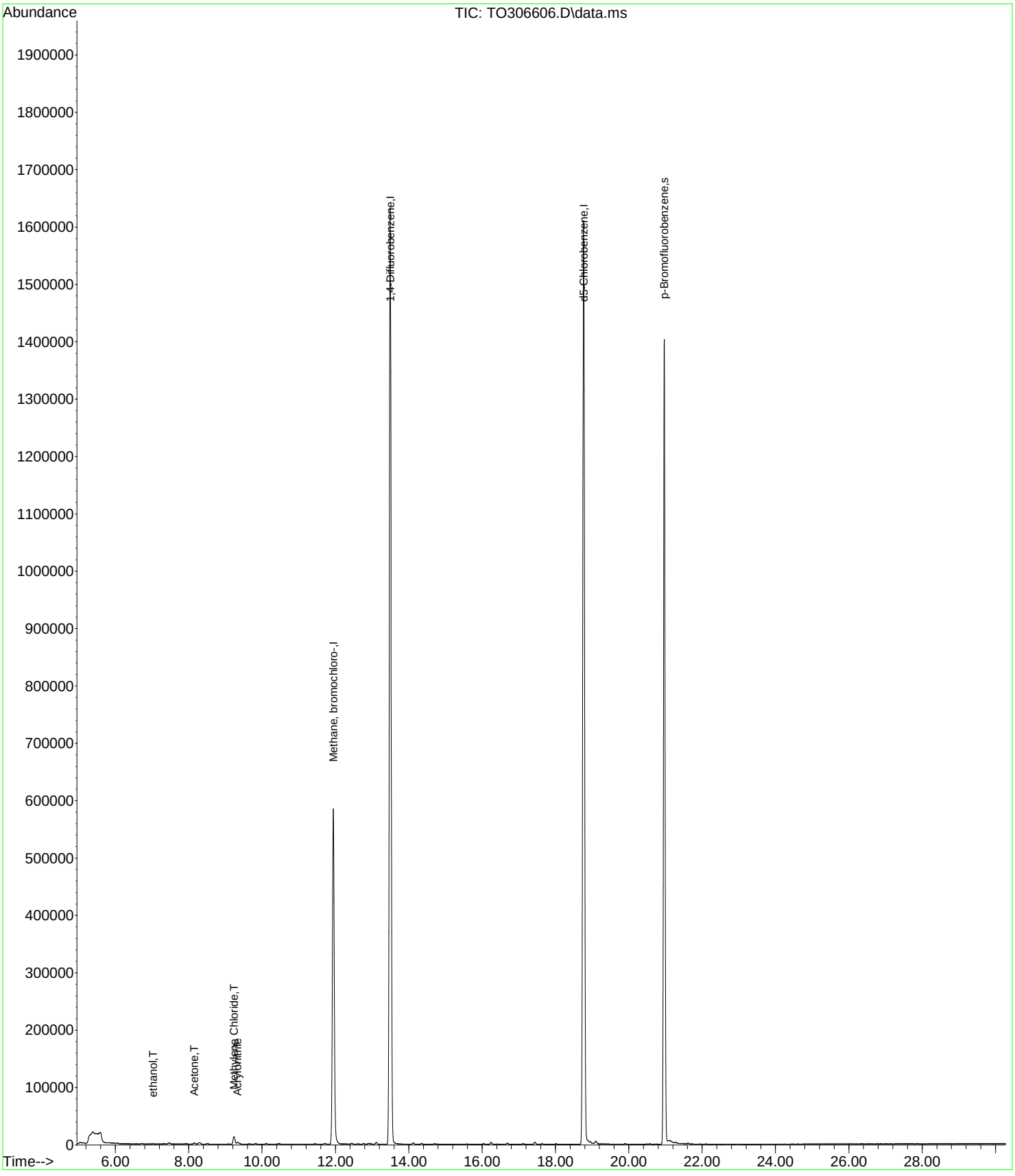
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Methane, bromochloro-	11.942	49	416333	10.00	ppbv	# 0.00
39) 1,4-Difluorobenzene	13.496	114	2623240	10.00	ppbv	0.00
55) d5-Chlorobenzene	18.769	117	1962127	10.00	ppbv	-0.01
System Monitoring Compounds						
66) p-Bromofluorobenzene	20.964	95	800816	7.17	ppbv	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 71.70%			
Target Compounds						Qvalue
10) ethanol	7.022	45	861	0.05	ppbv	# 27
15) Acetone	8.150	43	5021	0.07	ppbv	91
19) Methylene Chloride	9.235	49	13074	0.16	ppbv	82
20) Acrylonitrile	9.326	53	4308	0.10	ppbv	# 100

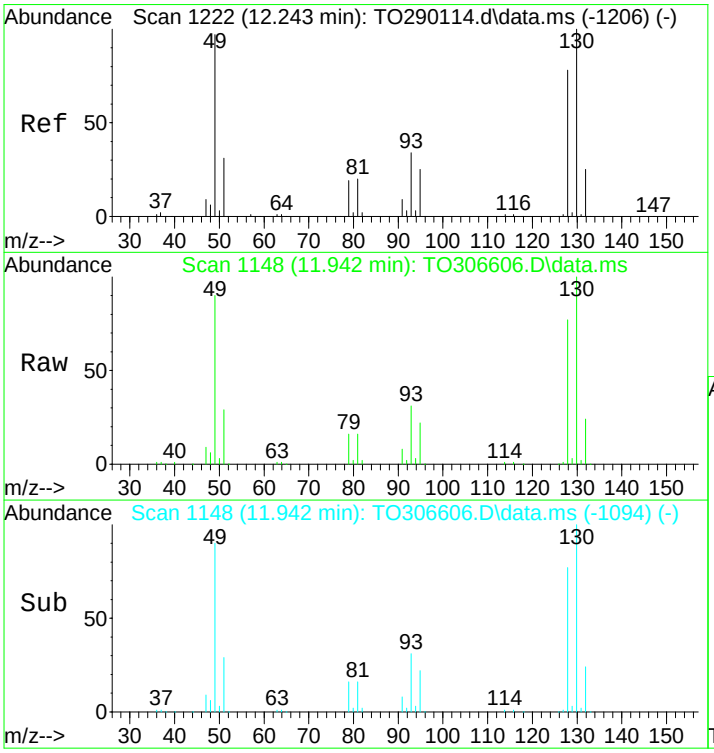
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\010225\
Data File : TO306606.D
Acq On : 2 Jan 2025 6:38 pm
Operator : YR
Sample : BL41473-BLKJ
Misc : QBTO1010225A QBS 9795 SN 48320
ALS Vial : 9 Sample Multiplier: 1
InstName : 5975C

Quant Time: Jan 03 09:21:25 2025
Quant Method : C:\msdchem\1\methods\AIR175.M
Quant Title : TO15 VOC Analysis
QLast Update : Fri Dec 06 14:27:25 2024
Response via : Initial Calibration

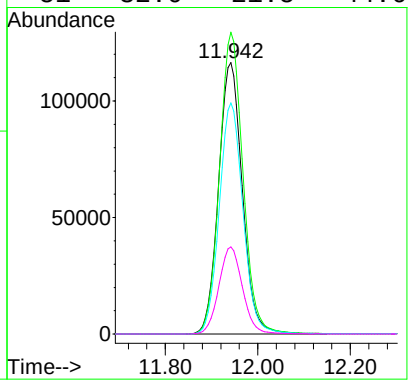


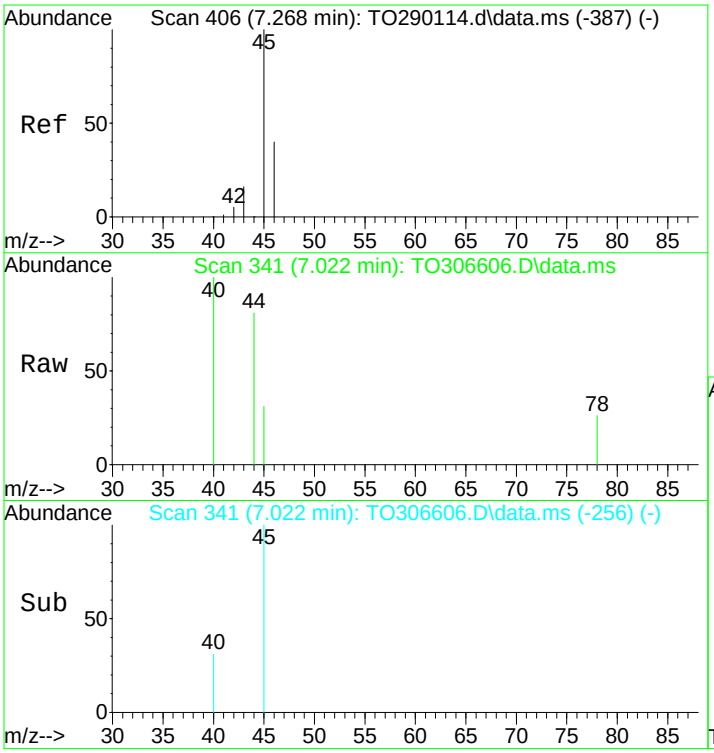


#1
Methane, bromochloro-
Concen: 10.00 ppbv
RT: 11.942 min Scan# 1148
Delta R.T. 0.000 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion: 49 Resp: 416333

Ion	Ratio	Lower	Upper
49	100		
130	109.6	44.5	92.3#
128	85.0	34.7	72.1#
51	32.0	21.5	44.6

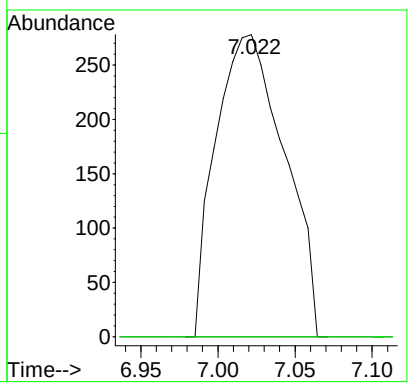


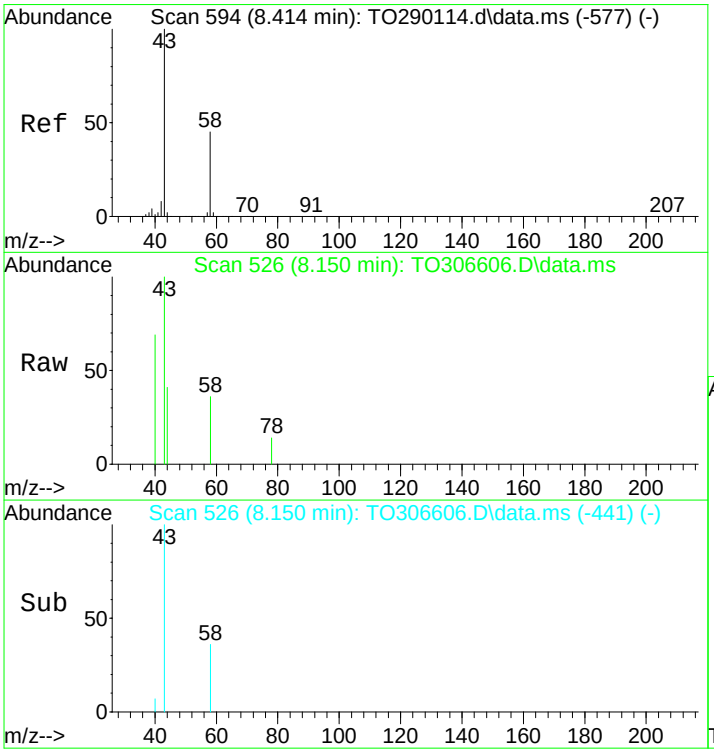


#10
ethanol
Concen: 0.05 ppbv
RT: 7.022 min Scan# 341
Delta R.T. 0.019 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion: 45 Resp: 861

Ion	Ratio	Lower	Upper
45	100		
46	0.0	40.0	60.0#

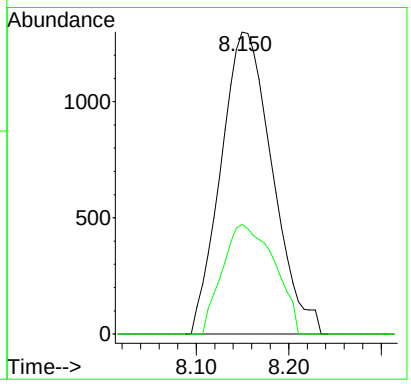


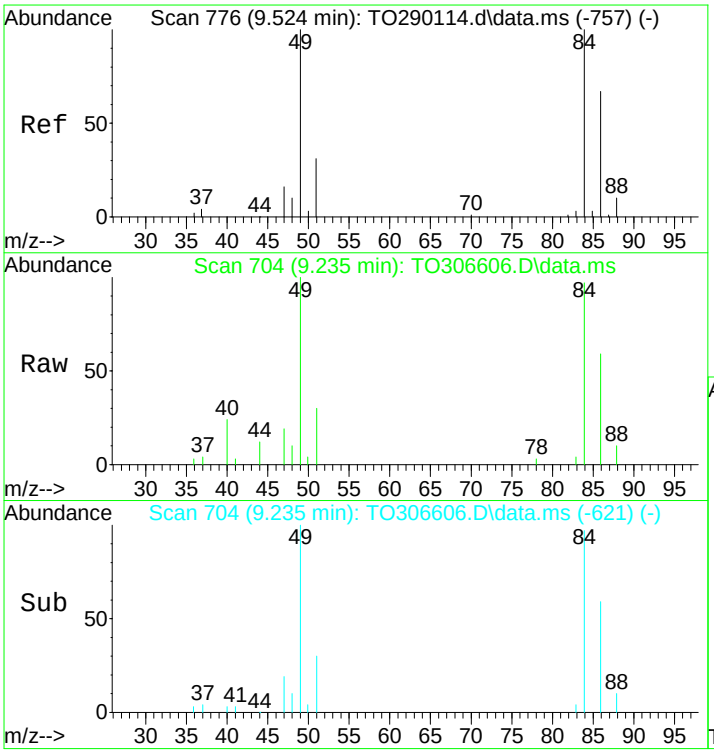


#15
Acetone
Concen: 0.07 ppbv
RT: 8.150 min Scan# 526
Delta R.T. 0.019 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion: 43 Resp: 5021

Ion	Ratio	Lower	Upper
43	100		
58	36.7	20.7	42.9

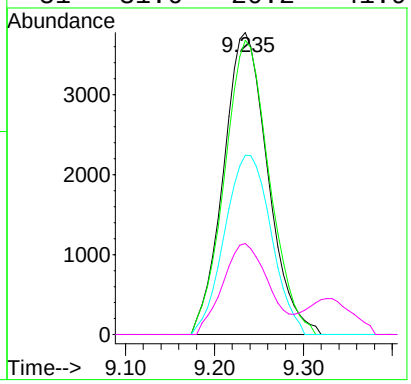


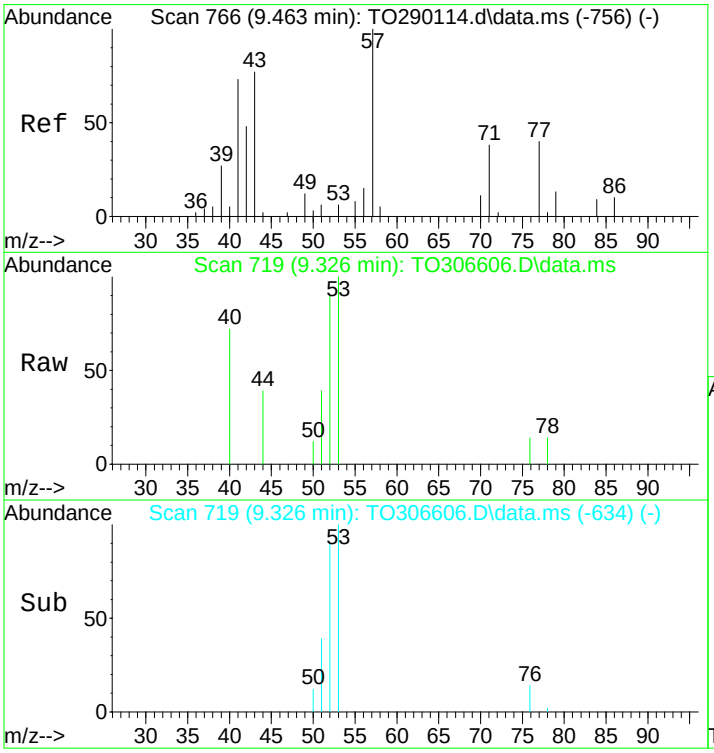


#19
Methylene Chloride
Concen: 0.16 ppbv
RT: 9.235 min Scan# 704
Delta R.T. 0.006 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion: 49 Resp: 13074

Ion	Ratio	Lower	Upper
49	100		
84	98.2	50.1	104.0
86	62.1	32.2	66.8
51	31.6	20.2	41.9

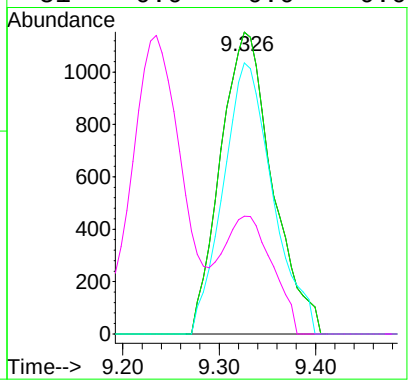


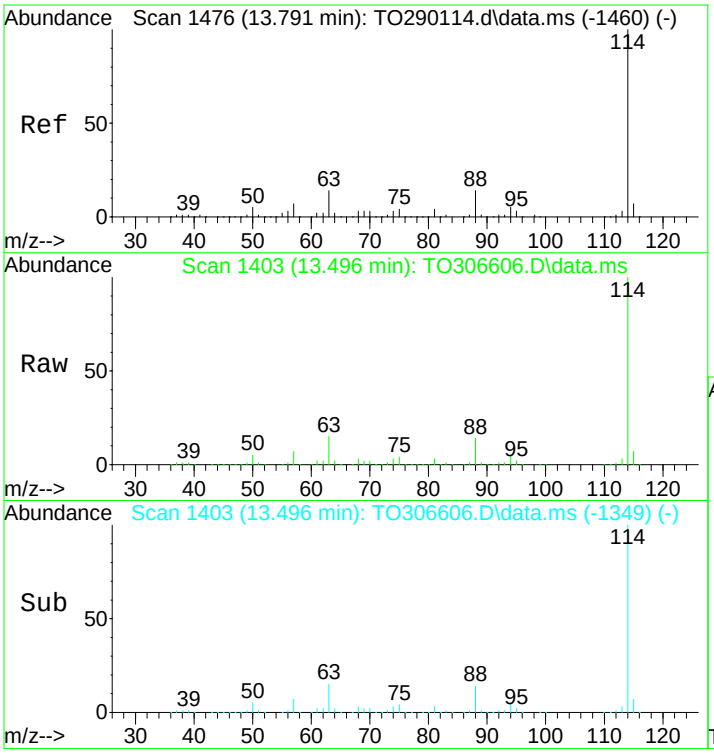


#20
Acrylonitrile
Concen: 0.10 ppbv
RT: 9.326 min Scan# 719
Delta R.T. 0.018 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion: 53 Resp: 4308

Ion	Ratio	Lower	Upper
53	100		
53	100.0	80.0	120.0
52	0.0	0.0	0.0
51	0.0	0.0	0.0

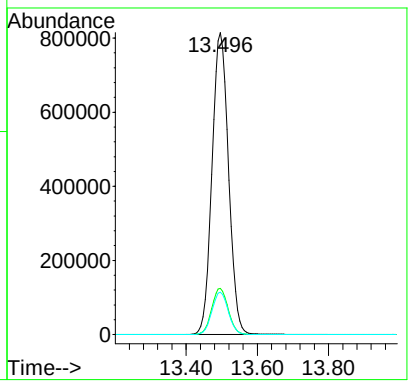


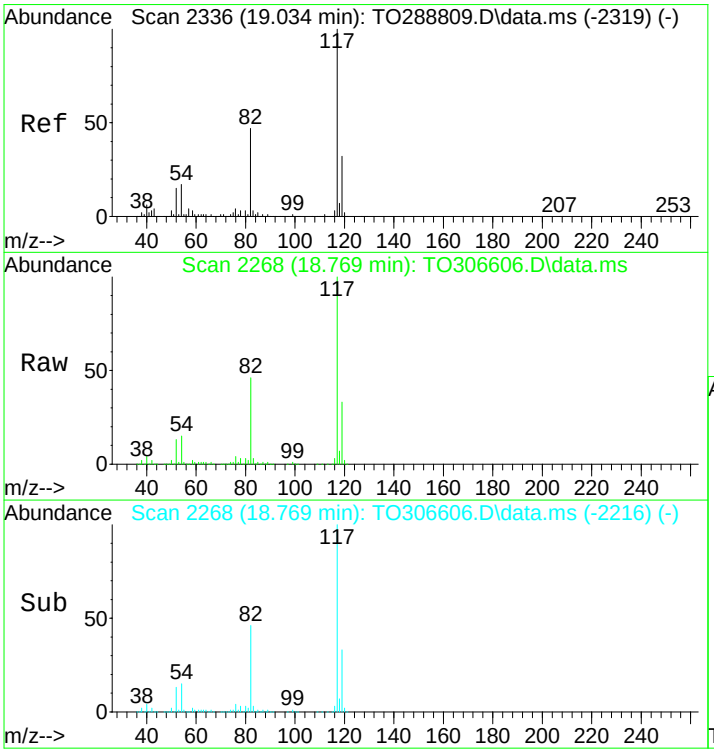


#39
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 13.496 min Scan# 1403
Delta R.T. 0.000 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion:114 Resp: 2623240

Ion	Ratio	Lower	Upper
114	100		
63	15.3	14.0	29.2
88	13.9	11.2	23.2

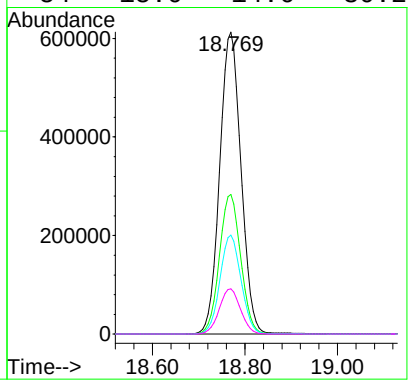


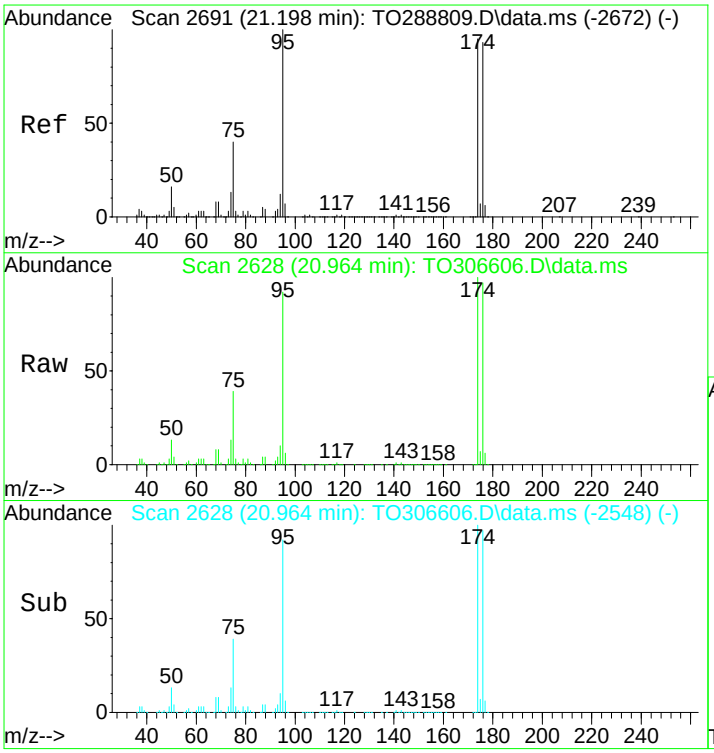


#55
d5-Chlorobenzene
Concen: 10.00 ppbv
RT: 18.769 min Scan# 2268
Delta R.T. -0.013 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion:117 Resp: 1962127

Ion	Ratio	Lower	Upper
117	100		
82	46.3	38.7	80.5
119	32.3	20.3	42.3
54	15.0	14.6	30.2

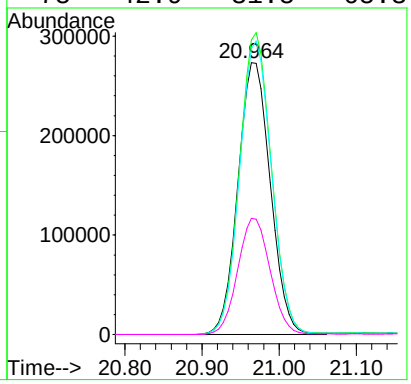




#66
p-Bromofluorobenzene
Concen: 7.17 ppbv
RT: 20.964 min Scan# 2628
Delta R.T. -0.012 min
Lab File: TO306606.D
Acq: 2 Jan 2025 6:38 pm

Tgt Ion: 95 Resp: 800816

Ion	Ratio	Lower	Upper
95	100		
174	109.6	50.0	103.8#
176	106.3	48.2	100.2#
75	42.9	31.5	65.3



York Laboratories

EPA TO-15 Batch certification QC Analysis

Client ID: H2M Group East **Lims Seq:** BL41473 **Analysis Date:** 1/2/2025 6:38:00 PM

File Path: R:PDF\Batch\BL4\BL41473-BLKJ_TO306606.D.pdf **Analyst :** YR **Certification Batch:** 9795

Canister Order: 8586 **File:** TO306606.D **Inst:** 5975C **Can Serial Number:** 48320

Analyte	Result	Units	Result wt/vol	wt/vol units	MRL ppbv
1,1,1,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.1
1,1,1-Trichloroethane	ND	ppbv	ND	ug/m3	0.1
1,1,2,2-Tetrachloroethane	ND	ppbv	ND	ug/m3	0.1
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ppbv	ND	ug/m3	0.1
1,1,2-Trichloroethane	ND	ppbv	ND	ug/m3	0.1
1,1-Dichloroethane	ND	ppbv	ND	ug/m3	0.1
1,1-Dichloroethylene	ND	ppbv	ND	ug/m3	0.025
1,2,4-Trichlorobenzene	ND	ppbv	ND	ug/m3	0.1
1,2,4-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.1
1,2-Dibromoethane	ND	ppbv	ND	ug/m3	0.1
1,2-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.1
1,2-Dichloroethane	ND	ppbv	ND	ug/m3	0.1
1,2-Dichloropropane	ND	ppbv	ND	ug/m3	0.1
1,2-Dichlorotetrafluoroethane	ND	ppbv	ND	ug/m3	0.1
1,3,5-Trimethylbenzene	ND	ppbv	ND	ug/m3	0.1
1,3-Butadiene	ND	ppbv	ND	ug/m3	0.3
1,3-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.1
1,3-Dichloropropane	ND	ppbv	ND	ug/m3	0.1
1,4-Dichlorobenzene	ND	ppbv	ND	ug/m3	0.1
1,4-Dioxane	ND	ppbv	ND	ug/m3	0.2
2,2,4-Trimethylpentane	ND	ppbv	ND	ug/m3	0.05
2-Butanone	ND	ppbv	ND	ug/m3	0.1
2-Hexanone	ND	ppbv	ND	ug/m3	0.2
3-Chloropropene	ND	ppbv	ND	ug/m3	0.5
4-Methyl-2-pentanone	ND	ppbv	ND	ug/m3	0.1
Acetone	ND	ppbv	ND	ug/m3	0.8
Acrylonitrile	ND	ppbv	ND	ug/m3	1.3
Benzene	ND	ppbv	ND	ug/m3	0.1
Benzyl chloride	ND	ppbv	ND	ug/m3	0.1
Bromodichloromethane	ND	ppbv	ND	ug/m3	0.1
Bromoform	ND	ppbv	ND	ug/m3	0.1
Bromomethane	ND	ppbv	ND	ug/m3	0.1
Carbon disulfide	ND	ppbv	ND	ug/m3	0.1
Carbon tetrachloride	ND	ppbv	ND	ug/m3	0.025
Chlorobenzene	ND	ppbv	ND	ug/m3	0.1
Chloroethane	ND	ppbv	ND	ug/m3	0.1
Chloroform	ND	ppbv	ND	ug/m3	0.1

York Laboratories

EPA TO-15 Batch certification QC Analysis

Client ID: H2M Group East **Lims Seq:** BL41473 **Analysis Date:** 1/2/2025 6:38:00 PM

File Path: R:PDF\Batch\BL4\BL41473-BLKJ_TO306606.D.pdf **Analyst :** YR **Certification Batch:** 9795

Canister Order: 8586 **File:** TO306606.D **Inst:** 5975C **Can Serial Number:** 48320

Analyte	Result	Units	Result wt/vol	wt/vol units	MRL ppbv
Chloromethane	ND	ppbv	ND	ug/m3	0.1
cis-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.025
cis-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.1
Cyclohexane	ND	ppbv	ND	ug/m3	0.1
Dibromochloromethane	ND	ppbv	ND	ug/m3	0.1
Dichlorodifluoromethane	ND	ppbv	ND	ug/m3	0.1
Ethyl acetate	ND	ppbv	ND	ug/m3	0.2
Ethyl Benzene	ND	ppbv	ND	ug/m3	0.1
Hexachlorobutadiene	ND	ppbv	ND	ug/m3	0.1
Isopropanol	ND	ppbv	ND	ug/m3	0.6
Methyl Methacrylate	ND	ppbv	ND	ug/m3	0.1
Methyl tert-butyl ether (MTBE)	ND	ppbv	ND	ug/m3	0.1
Methylene chloride	ND	ppbv	ND	ug/m3	0.6
Naphthalene	ND	ppbv	ND	ug/m3	0.2
n-Heptane	ND	ppbv	ND	ug/m3	0.1
n-Hexane	ND	ppbv	ND	ug/m3	0.1
o-Xylene	ND	ppbv	ND	ug/m3	0.1
p- & m- Xylenes	ND	ppbv	ND	ug/m3	0.2
p-Ethyltoluene	ND	ppbv	ND	ug/m3	0.1
Propylene	ND	ppbv	ND	ug/m3	0.1
Styrene	ND	ppbv	ND	ug/m3	0.1
Tetrachloroethylene	ND	ppbv	ND	ug/m3	0.1
Tetrahydrofuran	ND	ppbv	ND	ug/m3	0.2
Toluene	ND	ppbv	ND	ug/m3	0.1
trans-1,2-Dichloroethylene	ND	ppbv	ND	ug/m3	0.1
trans-1,3-Dichloropropylene	ND	ppbv	ND	ug/m3	0.1
Trichloroethylene	ND	ppbv	ND	ug/m3	0.025
Trichlorofluoromethane (Freon 11)	ND	ppbv	ND	ug/m3	0.1
Vinyl acetate	ND	ppbv	ND	ug/m3	0.1
Vinyl bromide	ND	ppbv	ND	ug/m3	0.1
Vinyl Chloride	ND	ppbv	ND	ug/m3	0.05

YORK ANALYTICAL LABORATORIES INC

Canister Order No.: 8586

Order Created: 12/18/2024

Client: H2M architects + engineers

Laboratory Analysis Log

Can Order 8586 **Workorder 25A0694**

Instrument: TO15_AIR2

	Batch	QC	QC Source	Analyzed	FileID	Analyst
	BA51199	TUN1		1/20/2025 2:29:00 PM	TQ231119.D	YR
	BA51199	CCV1		1/20/2025 3:22:00 PM	TQ231120.D	YR
	BA51199	BS1		1/20/2025 4:15:00 PM	TQ231121.D	YR
	BA51199	BLK1		1/20/2025 9:08:00 PM	TQ231126.D	YR

SampID	Analysis	Analyzed	FileID	Analyst
25A0694-01	Volatile Organics, EPA TO15 Full List	1/21/2025 5:38:00 AM	TQ231135.D	YR

Instrument: TO15_AIR2

	Batch	QC	QC Source	Analyzed	FileID	Analyst
	BA51284	TUN1		1/21/2025 3:57:00 PM	TQ231143.D	YR
	BA51284	CCV1		1/21/2025 4:51:00 PM	TQ231144.D	YR
	BA51284	BS1		1/21/2025 5:44:00 PM	TQ231145.D	YR
	BA51284	BLK1		1/21/2025 7:41:00 PM	TQ231147.D	YR
	BA51284	DUP1	25A0646-01	1/22/2025 12:19:00 AM	TQ231152.D	YR

SampID	Analysis	Analyzed	FileID	Analyst
25A0694-02	Volatile Organics, EPA TO15 Full List	1/22/2025 11:29:00 AM	TQ231163.D	YR
25A0694-03	Volatile Organics, EPA TO15 Full List	1/22/2025 2:22:00 AM	TQ231154.D	YR
25A0694-04	Volatile Organics, EPA TO15 Full List	1/22/2025 3:27:00 AM	TQ231155.D	YR

APPENDIX I

Drinking Water Laboratory Reports

COUNTY OF SUFFOLK

STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

GREGSON H. PIGOTT, MD, MPH
Commissioner

February 17, 2023

Edward Webb, Commissioner
Orient Fire District
PO Box 194
Orient, NY 11957

Re: Private Request Number: PR-22-0313
Site Location: 23300 Main Rd, Orient, NY 11957

Date Sampled: 10/17/2022
Survey #: SV0622

Dear Edward Webb:

The Department has performed an analysis of the private drinking water supply at the above referenced location. The analysis indicates that at the time of sampling all parameters tested were within the Maximum Contaminant Levels (MCLs) or drinking water standards established by the New York State Department of Health. Complete results of the testing are enclosed for your information.

pH
The pH level of your water was 6.1, which is on the low (acidic) side. The federal, non-enforceable drinking water standard, or recommended range for pH is between 6.5 to 8.5. pH is one of the primary measurements used to determine the corrosion potential of water. Low pH water is more corrosive to plumbing and fixtures and may result in blue staining (from corrosion of the copper pipes), pinhole leaks, and possibly elevated lead levels if there is lead solder/pipes in the plumbing system. (No elevated lead was detected in this sample.) The Department recommends water treatment consisting of a pH neutralizer to raise the pH level up slightly above neutral (7.0). In addition, faucets should be flushed for several minutes after prolonged periods of non use, such as overnight or while at work. The faucet should always be flushed until the water is cold to the touch when the water is to be used for cooking or consumption. Also, it is recommended not to use hot tap water for making coffee, tea or baby formula; cold tap water from the faucet should be heated on the stove or in the microwave.

Trace Compounds
Please note low levels of compounds were detected in your drinking water. Review the enclosed analytical results sample groups, Herbicide Metabolites, Perfluorinated Compounds and Semi-Volatile Organics to see which compounds were present in your water. At the time of sampling, the levels detected in your water were within drinking water standards.

The Suffolk County Department of Health Services recommends connection to public water wherever possible. If you are unable to connect to public water, we recommend that you have your water tested at least once a year to ensure your water supply is within drinking water standards. If you have any water treatment systems, you should follow the recommendations of the manufacturer, or your filtration specialist, for scheduled maintenance to ensure that your system works effectively. Should you have any questions concerning your drinking water, feel free to contact this office. Be sure to have your Private Request number available when making inquiries to this office concerning this water sample.

Sincerely,

Elena Zanzarov

Elena Zanzarov
Public Health Sanitarian
Bureau of Drinking Water

Encl. Lab Results

Public Health
Prevent. Promote. Protect.

DIVISION OF ENVIRONMENTAL QUALITY - OFFICE OF WATER RESOURCES
360 Yaphank Avenue, Suite 1C, Yaphank, NY 11980
(631) 852-5810 | Fax (631) 852-5787

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES - SAMPLE REPORT

Requestor Name: EDWARD WEBB
Location: 23300 Main Rd., Orient, NY 11957
Sample Location: Kitchen
Treatment: None

Request No.: PR-22-0313 Survey No.: SV0622
Sample Date: 10/17/2022 9:50:00 AM
Sanitarian: Karol Sarian
Field No.: 002-850-221017

Notes: '<' symbol means "less than" indicating no detection. mg/L = milligrams per liter; ug/L = micrograms per liter; ng/L= nanograms per liter. Alkalinity is reported as mg/L as CaCO3. '*' symbol means level found exceeds the maximum contaminant level (MCL), or action level for lead and copper. Moderately restricted sodium diet should not exceed 270 mg/L. Severely restricted should not exceed 20 mg/L. The MCL for nickel is a proposed limit. Any MCLs not shown below have not been established.

Results for Sample Group: **ALDICARB PESTICIDES** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Methiocarb sulfone	<	0.5	50	ug/L	Methomyl	<	0.5	50	ug/L
Carbofuran	<	0.5	40	ug/L	Methiocarb	<	0.5	50	ug/L
Aldicarb-Sulfoxide	<	0.5	4	ug/L	Carbaryl	<	0.5	50	ug/L
Aldicarb	<	0.5	3	ug/L	Aldicarb-Sulfone	<	0.5	2	ug/L
1-Naphthol	<	0.5	50	ug/L	3-Hydroxycarbofuran	<	0.5	50	ug/L
Oxamyl	<	0.5	50	ug/L	Propoxur (Baygon)	<	0.5	50	ug/L

Results for Sample Group: **BACTERIOLOGICAL** Analyzed by Suffolk County Department of Health Services

		Result	MCL			Result	MCL
EColi	<	Negative	Positive	TColi	<	Negative	Positive

Results for Sample Group: **CHLORINATED PESTICIDES** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Total Chlordane	<	0.2	2	ug/L					
Heptachlor epoxide	<	0.02	0.2	ug/L	Methoxychlor	<	0.1	40	ug/L
gamma-BHC (Lindane)	<	0.02	0.2	ug/L	Heptachlor	<	0.04	0.4	ug/L
Endosulfan Sulfate	<	0.2	50	ug/L	Endrin	<	0.01	2	ug/L
Endosulfan I	<	0.2	5	ug/L	Endosulfan II	<	0.2	5	ug/L
delta-BHC	<	0.2	5	ug/L	Dieldrin	<	0.2	50	ug/L
beta-BHC	<	0.2	5	ug/L	Dacthal	<	0.2	50	ug/L
Aldrin	<	0.2	5	ug/L	alpha-BHC	<	0.2	5	ug/L
4,4-DDT	<	0.2	5	ug/L	Alachlor	<	0.2	2	ug/L
4,4-DDD	<	0.2	5	ug/L	4,4-DDE	<	0.2	50	ug/L

Results for Sample Group: **DACTHAL PESTICIDES** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Monomethyltetrachloroterephthalate	<	5	50	ug/L	Tetrachloroterephthalic acid	<	5	50	ug/L

Results for Sample Group: **DIOXANE** Analyzed by Suffolk County Department of Health Services

		Result	MCL			Result	MCL
1,4-Dioxane	<	0.1	1.0	ug/L			

Results for Sample Group: **HERBICIDE METABOLITES** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Trichlorfon	<	0.3	50	ug/L					
Tebuthiuron	<	0.3	50	ug/L	Testosterone	<	0.3	50	ug/L
Propamocarb hydrochloride	<	0.3	50	ug/L	Siduron	<	0.3	50	ug/L
Propachlor ESA	<	0.2	50	ug/L	Propachlor OA	<	0.3	5	ug/L
Phenytoin (Dilantin)	<	0.2	50	ug/L	Picaridin	<	0.2	50	ug/L
Metolachlor metabolite (CGA-67125)	<	0.3	50	ug/L	Metolachlor OA (CGA-51202)	=	.9	50	ug/L
Metolachlor metabolite (CGA-40172)	<	0.3	50	ug/L	Metolachlor metabolite (CGA-41638)	<	0.3	50	ug/L
Metolachlor ESA (CGA-354743)	=	2.4	50	ug/L	Metolachlor metabolite (CGA-37735)	<	0.2	50	ug/L
Metalaxyl	<	0.2	50	ug/L	Metolachlor	<	0.2	50	ug/L
Imidacloprid Urea	<	0.2	50	ug/L	Malaoxon	<	0.2	50	ug/L
Ibuprofen	<	0.2	50	ug/L	Imidacloprid	<	0.2	50	ug/L
Estriol	<	1.8	50	ug/L	Gemfibrozil	<	0.4	50	ug/L
Dinoseb	<	0.3	7	ug/L	Diuron	<	0.2	50	ug/L
Diethylstilbestrol	<	0.5	50	ug/L	Diethyltoluamide (DEET)	<	0.2	50	ug/L
Dichlorvos	<	0.6	50	ug/L	Didealkylatrazine (G-28273)	<	0.8	50	ug/L
Deisopropylatrazine (G-28279)	<	0.2	50	ug/L	Desethylatrazine (G-30033)	<	0.4	50	ug/L
Alachlor OA (Oxanilic Acid)	<	0.4	50	ug/L	Caffeine	<	0.2	50	ug/L
Acetaminophen	<	0.2	50	ug/L	Alachlor ESA (Sulfonic Acid)	<	0.2	50	ug/L
4-Androstene-3,17-dione	<	0.2	50	ug/L	4-Hydroxyphenytoin	<	0.5	50	ug/L
2,6-Dichlorobenzamide	<	0.5	50	ug/L	2-HydroxyAtrazine (G-34048)	<	0.3	50	ug/L

Results for Sample Group: **METALS** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Calcium	=	39.0		mg/L	Chromium (Cr)	<	1	100	ug/L

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES - SAMPLE REPORT

Requestor Name: EDWARD WEBB
Location: 23300 Main Rd., Orient, NY 11957
Sample Location: Kitchen
Treatment: None

Request No.: PR-22-0313 Survey No.: SV0622
Sample Date: 10/17/2022 9:50:00 AM
Sanitarian: Karol Sarian
Field No.: 002-850-221017

Notes: '<' symbol means "less than" indicating no detection. mg/L = milligrams per liter; ug/L = micrograms per liter; ng/L= nanograms per liter. Alkalinity is reported as mg/L as CaCO3. '*' symbol means level found exceeds the maximum contaminant level (MCL), or action level for lead and copper. Moderately restricted sodium diet should not exceed 270 mg/L. Severely restricted should not exceed 20 mg/L. The MCL for nickel is a proposed limit. Any MCLs not shown below have not been established.

Results for Sample Group: **METALS** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Beryllium (Be)	<	0.2	4	ug/L	Cadmium (Cd)	<	1	5	ug/L
Arsenic (As)	<	1	10	ug/L	Barium (Ba)	=	29.6	2000	ug/L
Aluminum (Al)	<	5		ug/L	Antimony (Sb)	<	0.2	6	ug/L
Zinc (Zn)	=	42.3	5000	ug/L					
Uranium	<	0.5	30	ug/L	Vanadium (V)	<	1		ug/L
Tin	<	0.5		ug/L	Titanium (Ti)	<	5		ug/L
Thallium (Tl)	<	0.2	2	ug/L	Thorium (Th)	<	2		ug/L
Strontium	=	265		ug/L	Tellurium	<	0.5		ug/L
Silver (Ag)	<	2.5	100	ug/L	Sodium (Na)	=	40.6		mg/L
Potassium	=	3.1		mg/L	Selenium (Se)	<	5	50	ug/L
Molybdenum (Mo)	<	1		ug/L	Nickel (Ni)	=	1.3	100	ug/L
Manganese (Mn)	=	0.036	0.30	mg/L	Mercury (Hg)	<	0.25	2	ug/L
Lithium	<	1		ug/L	Magnesium	=	17.9		mg/L
Iron + Manganese (Combined, Calc)	=	0.036	0.5	mg/L	Lead (Pb)	<	1	15	ug/L
Germanium	<	2.5		ug/L	Iron (Fe)	<	0.1	0.3	mg/L
Cobalt (Co)	<	1		ug/L	Copper (Cu)	=	524	1300	ug/L

Results for Sample Group: **MICROEXTRACTIBLES** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
1,2-dibromo-3-chloropropane	<	0.02	0.2	ug/L	1,2-dibromoethane	<	0.01	0.05	ug/L

Results for Sample Group: **PFAS 533** Analyzed by Pace Analytical

		Result	MCL				Result	MCL	
PFUnA (Perfluoroundecanoic acid)	<	1.9	50000	ng/L					
PFPeA (Perfluoropentanoic acid)	<	1.9	50000	ng/L	PFPeS (Perfluoropentanesulfonic acid)	<	1.9	50000	ng/L
PFOA (Perfluorooctanoic acid)	=	4.2	10.0	ng/L	PFOS (Perfluorooctanesulfonic acid)	=	2.2	10.0	ng/L
PFMPA (Perfluoro-3-methoxybutanoic acid)	<	1.9	50000	ng/L	PFNA (Perfluorononanoic acid)	<	1.9	50000	ng/L
PFHxS (Perfluorohexanesulfonic acid)	=	5.1	50000	ng/L	PFMBA (Perfluoro-4-methoxybutanoic acid)	<	1.9	50000	ng/L
PFHpS (Perfluoroheptanesulfonic acid)	<	1.9	50000	ng/L	PFHxA (Perfluorohexanoic acid)	<	1.9	50000	ng/L
PFEESA (Perfluoro(2-ethoxyethane)sulfonic acid)	<	1.9	50000	ng/L	PFHpA (Perfluoroheptanoic acid)	<	1.9	50000	ng/L
PFDA (Perfluorodecanoic acid)	<	1.9	50000	ng/L	PFDoA (Perfluorododecanoic acid)	<	1.9	50000	ng/L
PFBA (Perfluorobutanoic acid)	<	1.9	50000	ng/L	PFBS (Perfluorobutanesulfonic acid)	<	1.9	50000	ng/L
HFPO-DA/GenX (Hexafluoropropylene oxide dimer acid)	<	1.9	50000	ng/L	NFDHA (Nonafluoro-3,6-dioxaheptanoic acid)	<	1.9	50000	ng/L
9Cl-PF3ONS (9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid)	<	1.9	50000	ng/L	ADONA (4,8-Dioxa-3H-perfluorononanoic acid)	<	1.9	50000	ng/L
6:2FTS (1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid)	=	47	50000	ng/L	8:2FTS (1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid)	<	1.9	50000	ng/L
11Cl-PF3OUdS (11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid)	<	1.9	50000	ng/L	4:2FTS (1H, 1H, 2H, 2H-Perfluorohexane sulfonic acid)	<	1.9	50000	ng/L

Results for Sample Group: **SEMI-VOLATILE ORGANICS METHOD 525** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Iodofenphos	<	0.2	50	ug/L	Iprodione	<	0.5	50	ug/L
Hexazinone	<	1	50	ug/L	Indeno(1,2,3-cd)Pyrene	<	0.2	50	ug/L
Hexachlorocyclopentadiene	<	0.1	5	ug/L	Hexachloroethane	<	1	5	ug/L
Fluorene	<	0.2	50	ug/L	Hexachlorobenzene	<	0.1	1	ug/L
Etofenprox alpha-CO	<	0.2	50	ug/L	Fluoranthene	<	0.2	50	ug/L
Ethyl Parathion	<	0.2	50	ug/L	Etofenprox	<	0.2	50	ug/L
EPTC	<	0.2	50	ug/L	Ethofumesate	<	0.2	50	ug/L
Disulfoton sulfone	<	0.2	50	ug/L	Endosulfan Sulfate	<	0.2	50	ug/L
Dimethyl phthalate	<	0.2	50	ug/L	Dioctyl Phthalate	<	0.2	50	ug/L
Diethyl phthalate	<	1	50	ug/L	Diethyltoluamide (DEET)	<	0.2	50	ug/L
Dichlorvos	<	0.5	50	ug/L	Dieldrin	<	0.2	50	ug/L

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES - SAMPLE REPORT

Requestor Name: EDWARD WEBB
Location: 23300 Main Rd., Orient, NY 11957
Sample Location: Kitchen
Treatment: None

Request No.: PR-22-0313 Survey No.: SV0622
Sample Date: 10/17/2022 9:50:00 AM
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Notes: '<' symbol means "less than" indicating no detection. mg/L = milligrams per liter; ug/L = micrograms per liter; ng/L= nanograms per liter. Alkalinity is reported as mg/L as CaCO3. '*' symbol means level found exceeds the maximum contaminant level (MCL), or action level for lead and copper. Moderately restricted sodium diet should not exceed 270 mg/L. Severely restricted should not exceed 20 mg/L. The MCL for nickel is a proposed limit. Any MCLs not shown below have not been established.

Results for Sample Group: **SEMI-VOLATILE ORGANICS METHOD 525** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Dibutyl Phthalate	<	1	50	ug/L	Dichlobenil	<	0.2	50	ug/L
Deltamethrin	<	0.5	50	ug/L	Dibenzo(A,H)Anthracene	<	0.2	50	ug/L
Cypermethrin	<	0.5	50	ug/L	Dacthal	<	0.2	50	ug/L
Chrysene	<	0.2	50	ug/L	Cyfluthrin	<	0.2	50	ug/L
Chloroxylenol	<	0.2	50	ug/L	Chlorpyriphos	<	0.2	50	ug/L
Chlordane	<	0.2	2	ug/L	Chlorofenvinphos	<	0.2	50	ug/L
Carbamazepine	=	.5	50	ug/L	Carisoprodol	<	0.5	50	ug/L
Bromacil	<	0.5	50	ug/L	Butachlor	<	0.2	50	ug/L
Bisphenol A	<	0.5	50	ug/L	Bloc	<	0.2	50	ug/L
Bis(2-ethylhexyl)adipate	<	0.5	50	ug/L	Bis(2-ethylhexyl)phthalate	<	3	6	ug/L
Benzophenone	<	0.2	50	ug/L	Benzyl butyl phthalate	<	0.2	50	ug/L
Benzo(GHI)Perylene	<	0.2	50	ug/L	Benzo(K)Fluoranthene	<	0.2	50	ug/L
Benzo(A)Pyrene	<	0.02	0.2	ug/L	Benzo(B)Fluoranthene	<	0.2	50	ug/L
Benfluralin	<	0.5	50	ug/L	Benzo(A)Anthracene	<	0.5	50	ug/L
Atrazine	<	0.1	3	ug/L	Azoxystrobin	<	0.2	50	ug/L
Allethrin	<	0.2	50	ug/L	Anthracene	<	0.5	50	ug/L
Acetochlor	<	0.2	50	ug/L	Alachlor	<	0.2	2	ug/L
Acenaphthene	<	0.2	50	ug/L	Acenaphthylene	<	0.2	50	ug/L
1-Methylnaphthalene	<	0.2	50	ug/L	2-Methylnapthalene	<	0.2	50	ug/L
Vinclozolin	<	0.5	50	ug/L					
Triclosan	<	0.5	50	ug/L	Trifluralin	<	0.5	50	ug/L
Terbacil	<	0.5	50	ug/L	Triadimefon	<	0.5	50	ug/L
Sumithrin	<	0.2	50	ug/L	Tebuthiuron	<	0.5	50	ug/L
Ronstar	<	0.2	50	ug/L	Simazine	<	0.07	4	ug/L
Pyrene	<	0.5	50	ug/L	Resmethrin	<	0.2	50	ug/L
Propachlor	<	0.2	50	ug/L	Propiconazole (Tilt)	<	0.2	50	ug/L
Prallethrin	<	0.2	50	ug/L	Prometryne	<	0.5	50	ug/L
Phenanthrene	<	0.2	50	ug/L	Piperonyl butoxide	<	0.5	50	ug/L
Pentachloronitrobenzene	<	0.2	50	ug/L	Permethrin	<	0.2	50	ug/L
Pendimethalin	<	0.2	5	ug/L	Pentachlorobenzene	<	0.2	50	ug/L
Naled (Dibrom)	<	0.2	50	ug/L	Napropamide	<	0.2	50	ug/L
Metolachlor	<	0.2	50	ug/L	Metribuzin	<	0.2	50	ug/L
Methoxychlor	<	0.1	50	ug/L	Methyl Parathion	<	0.2	50	ug/L
Metalaxyl	<	0.2	50	ug/L	Methoprene	<	0.2	50	ug/L
Isofenphos	<	0.5	50	ug/L	Malathion	<	0.5	50	ug/L

Results for Sample Group: **STANDARD INORGANICS** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Sulfate (SO4)	=	83.2	250	mg/L SO4	T. Alkalinity	=	27.13		mg/L
pH-Lab	=	6.1		N/A	Specific Conductivity-Lab	=	605.65		umho/cm
Nitrite (NO2-N)	<	0.05	1	mg/L N	Orthophosphate	<	0.5		mg/L P
Hexavalent Chromium	=	.05		ug/L	Nitrate	=	8.2	10	mg/L N
Chloride (Cl)	=	93	250	mg/L	Fluoride	<	0.1	2.2	mg/L
Bromide	=	.091		mg/L	Chlorate	<	0.15	50	mg/L

Results for Sample Group: **VOLATILE ORGANICS** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Trichlorofluoromethane	<	0.5	5	ug/L	Vinyl Chloride	<	0.5	2	ug/L
trans-1,3-Dichloropropene	<	0.5	5	ug/L	Trichloroethene	<	0.5	5	ug/L
Total Xylenes	<	0.5	5	ug/L	trans 1,2 Dichloroethene	<	0.5	5	ug/L
Tetrahydrofuran	<	2	50	ug/L	Toluene	<	0.5	5	ug/L
tert-Butylbenzene	<	0.5	5	ug/L	Tetrachloroethene	<	0.5	5	ug/L
Propanal	<	15	50	ug/L	sec-Butylbenzene	<	0.5	5	ug/L
p-Diethylbenzene	<	0.5	5	ug/L	p-Isopropyltoluene	<	0.5	5	ug/L
Naphthalene	<	0.5	50	ug/L	o-Xylene	<	0.5	5	ug/L
n-Butane	<	2	50	ug/L	n-Propylbenzene	<	0.5	5	ug/L
Methyl-Tert-Butyl-Ether (MTBE)	<	0.5	10	ug/L	Methylene Chloride	<	0.5	5	ug/L
Methyl Methacrylate	<	0.5	50	ug/L	Methyl Sulfide	<	0.5	50	ug/L
Methacrylonitrile	<	0.5	5	ug/L	Methyl Isothiocyanate	<	2	50	ug/L
Isopropylbenzene	<	0.5	5	ug/L	m & p-Xylene	<	0.5	5	ug/L

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES - SAMPLE REPORT

Requestor Name: EDWARD WEBB
Location: 23300 Main Rd., Orient, NY 11957
Sample Location: Kitchen
Treatment: None

Request No.: PR-22-0313 Survey No.: SV0622
Sample Date: 10/17/2022 9:50:00 AM
Sanitarian: Karol Sarian
Field No.: 002-850-221017

Notes: '<' symbol means "less than" indicating no detection. mg/L = milligrams per liter; ug/L = micrograms per liter; ng/L= nanograms per liter. Alkalinity is reported as mg/L as CaCO3. '*' symbol means level found exceeds the maximum contaminant level (MCL), or action level for lead and copper. Moderately restricted sodium diet should not exceed 270 mg/L. Severely restricted should not exceed 20 mg/L. The MCL for nickel is a proposed limit. Any MCLs not shown below have not been established.

Results for Sample Group: **VOLATILE ORGANICS** Analyzed by Suffolk County Department of Health Services

		Result	MCL				Result	MCL	
Hexachlorobutadiene	<	0.5	5	ug/L	Isobutane	<	2	50	ug/L
Ethylbenzene	<	0.5	5	ug/L	Freon 113	<	0.5	5	ug/L
Ethenylbenzene (Styrene)	<	0.5	5	ug/L	Ethyl Methacrylate	<	0.5	50	ug/L
Diethyl Ether	<	0.5	50	ug/L	Dimethyldisulfide	<	0.5	50	ug/L
Dibromomethane	<	0.5	5	ug/L	Dichlorodifluoromethane	<	0.5	5	ug/L
cis-1,3-Dichloropropene	<	0.5	5	ug/L	d-Limonene	<	0.5	50	ug/L
Chloromethane	<	0.5	5	ug/L	cis-1,2-Dichloroethene	<	0.5	5	ug/L
Chloroethane	<	0.5	5	ug/L	Chloroform	<	0.5	80	ug/L
Chlorodibromomethane	<	0.5	80	ug/L	Chlorodifluoromethane	<	0.5	5	ug/L
Carbon Tetrachloride	<	0.5	5	ug/L	Chlorobenzene	<	0.5	5	ug/L
Bromomethane	<	0.5	5	ug/L	Carbon Disulfide	<	0.5		ug/L
Bromodichloromethane	<	0.5	80	ug/L	Bromoform	<	0.5	80	ug/L
Bromobenzene	<	0.5	5	ug/L	Bromochloromethane	<	0.5	5	ug/L
Allyl chloride	<	0.5	5	ug/L	Benzene	<	0.5	5	ug/L
4-Chlorotoluene	<	0.5	5	ug/L	Acrylonitrile	<	0.5	5	ug/L
2-Butanone (MEK)	<	2	50	ug/L	2-Chlorotoluene	<	0.5	5	ug/L
2,3 Dichloropropene	<	0.5	5	ug/L	2-Bromo-1-Chloropropane	<	0.5	5	ug/L
1-Bromo-2-Chloroethane	<	0.5	5	ug/L	2,2 Dichloropropane	<	0.5	5	ug/L
1,4-Dichlorobenzene (p)	<	0.5	5	ug/L	1,4-Dichlorobutane	<	0.5	5	ug/L
1,3,5 Trimethylbenzene	<	0.5	5	ug/L	1,3-Dichlorobenzene (m)	<	0.5	5	ug/L
1,2,4,5 Tetramethylbenzene	<	0.5	5	ug/L	1,3 Dichloropropane	<	0.5	5	ug/L
1,2,4 Trichlorobenzene	<	0.5	5	ug/L	1,2,4 Trimethylbenzene	<	0.5	5	ug/L
1,2,3 Trichlorobenzene	<	0.5	5	ug/L	1,2,3 Trichloropropane	<	0.5	5	ug/L
1,2 Dichloroethane	<	0.5	5	ug/L	1,2 Dichloropropane	<	0.5	5	ug/L
1,1,2,2-Tetrachloroethane	<	0.5	5	ug/L	1,2 Dichlorobenzene (o)	<	0.5	5	ug/L
1,1,1,2 Tetrachloroethane	<	0.5	5	ug/L	1,1,2 Trichloroethane	<	0.5	5	ug/L
1,1 Dichloropropene	<	0.5	5	ug/L	1,1,1 Trichloroethane	<	0.5	5	ug/L
1,1 Dichloroethane	<	0.5	5	ug/L	1,1 Dichloroethene	<	0.5	5	ug/L

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5040813

April 11, 2025

Goldman Water Testing
Melanie Giordano
46950 County Rd 48
Southold, NY 11971

Re: 116661 Orient Fire Department

Dear Melanie Giordano,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on April 07, 2025. Long Island Analytical laboratories analyzed the samples on April 07, 2025 for the following:

SAMPLE ID	ANALYSIS
212 Mens Batrhoom Sink CWT	Bacteria - Drinking Water

Samples received at 1.1 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael D. Veraldi
Laboratory Technical Director

Client: Goldman Water Testing
Date Received: 04/07/2025 16:00
Date Sampled: 04/07/2025 10:35
Matrix: Potable Water

Location: 116661 Orient Fire Department
Client ID: 212 Mens Batrhoom Sink CWT
Laboratory ID: 5040813-01
ELAP # 11693

Analytical Method: Colisure

Parameter	Result	Qualifier	D.F.	Units	Limit	Analyzed
E. Coli	Absent		1			04/07/2025 17:59
Total Coliform	Absent		1			04/07/2025 17:59

Analytical Method: Total Residual Chlorine by Sampler

Parameter	Result	Qualifier	D.F.	Units	Limit	Analyzed
Total Residual Chlorine by Sampler	<0.100		1	mg/L		04/07/2025 10:35

Data Qualifiers Key Reference:

MDL	Minimum Detection Limit
LOQ	Limit of Quantitation
H	Holding Time Exceeded

5040813

ldman Water Testing

5040813

3ox 668 | Southold, NY 11971
298-4640 | office@goldmanwatertesting.com | goldmanwatertesting.com

APRIL/Q2

IENT:

ORIENT FIRE DEPARTMENT

23300 Main Road
Orient, NY 11957

SERVICE ADDRESS:

ORIENT FIRE DEPARTMENT
23300 Main Road
Orient, New York 11957

Job #116661

Scheduled	Jan 01, 2025 - 1 years
Description	QUARTERLY DIST. BACTERIA TEST
Contact:	DOUGLAS GRAY (917) 678-6430

JS2

Product/Service	Description	Qty.
DIST. BACTERIA TEST & FREE CHLORINE		1
Water Testing Parameters		0

Field Number: 212 CL2: <0.1 PH: — Temp: —

Source: Men's BATHroom Sink-CWT

Flow Rate: 5 min @ 2.5 GPM Date/Time: 4/7/25 1035 HRS

Routine / DIST Treatment: —

LAB:

WATER TEST RECEIVED BY: [signature] DATE /TIME: 4-7-25 16:00 1.1°C

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5070811

July 15, 2025

Goldman Water Testing
Melanie Giordano
46950 County Rd 48
Southold, NY 11971

Re: 116661 Orient Fire Department 23300 Main Road Orient New York 11957

Dear Melanie Giordano,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on July 07, 2025. Long Island Analytical laboratories analyzed the samples on July 07, 2025 for the following:

SAMPLE ID	ANALYSIS
213 Mens Bathroom Sink CWT	Bacteria - Drinking Water

Samples received at 1.2 ° C

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael D. Veraldi
Laboratory Technical Director

Client: Goldman Water Testing
Date Received: 07/07/2025 17:30
Date Sampled: 07/07/2025 11:25
Matrix: Potable Water

Location: 116661 Orient Fire Department 23300 Main Road Ori
Client ID: 213 Mens Bathroom Sink CWT
Laboratory ID: 5070811-01
ELAP # 11693

Analytical Method: Colisure

Parameter	Result	Qualifier	D.F.	Units	Limit	Analyzed
E. Coli	Absent		1			07/07/2025 17:43
Total Coliform	Absent		1			07/07/2025 17:43

Analytical Method: Total Residual Chlorine by Sampler

Parameter	Result	Qualifier	D.F.	Units	Limit	Analyzed
Total Residual Chlorine by Sampler	<0.100		1	mg/L		07/07/2025 11:25

Data Qualifiers Key Reference:

MDL Minimum Detection Limit
LOQ Limit of Quantitation
H Holding Time Exceeded

5070811

Idman Water Testing

5070811

ox 668 | Southold, NY 11971
98-4640 | office@goldmanwatertesting.com | goldmanwatertesting.com

JULY/25

IENT:

ENT FIRE DEPARTMENT

23300 Main Road
Orient, NY 11957

SERVICE ADDRESS:

ORIENT FIRE DEPARTMENT
23300 Main Road
Orient, New York 11957

Job #116661

Scheduled	Jan 01, 2025 - 1 years
Description	QUARTERLY DIST. BACTERIA TEST
Contact:	DOUGLAS GRAY (917) 678-6430

JS2

Product/Service	Description	Qty.
DIST. BACTERIA TEST & FREE CHLORINE		1
Water Testing Parameters		0

Field Number: 213 CL2: 0.1 PH: - Temp: -

Source: ~~5min @ 2~~ Men's Bathrooms Ind-cwT

Flow Rate: 5min @ 2.5 GPM Date/Time: 7/7/25 1125 HRS

Routine / DIST Treatment: —

LAB:

WATER TEST RECEIVED BY: CL DATE /TIME: 7-7-25 17:30 1.2'C

APPENDIX J

FWRIA Decision Key

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key	If YES Go to:	If NO Go to:
1. Is the site or area of concern a discharge or spill event?	13	2
2. Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	3
3. Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4	9
4. Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5
5. Has the contamination gone off-site?	6	14
6. Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7. Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8. Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9. Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10. Is the lack of resources due to the contamination?	3.10.1	14
11. Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12. Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13. Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14. No Fish and Wildlife Resources Impact Analysis needed.		

APPENDIX K

Daily Work Summaries

DAILY FIELD REPORT 001

Prepared By: H2M

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Sunny	
TEMP.	< 32		32-50		50-70		70-85		> 85	

NYSDEC Site No:	152273	**Date:**	January 6, 2025
NYSDEC Spill No:	2104060	**Time on site:**	7:50am
Project Name:	ORFD2301 Orient Fire District		

Consultant:
H2M architects + engineers

H2M Field Personnel:
Thomas Brown
Timothy Maines

Contractor:
Lakewood Environmental Services Corp.

Subcontractor(s):
Utility Detection Inc (GPR Survey)

Work Activities Performed:

- 750 – TB & TM onsite
- 755 – Rob from UDI onsite
- 810 – Met Joe Wysocki, shown around the site and given site keys
- 815 – Begin GPR on northern side of property
- 915 – Begin GPR on western and southern side of property
- 1015 – begin GPR on eastern side of property
- 1200 – York analytical arrives onsite
- 1220 – York and UDI leaving site
- 1230 – lunch
- 1300 – organize coolers and begin labelling bottles for tomorrow
- 1530 – begin uploading photos and working on DFR
- 1600 – offsite

Samples Collected:

- No Samples collected today

Air Monitoring (Since Last Report):

Prevailing Wind Direction: NW

Particulate Monitoring (µg/m^3)			**Organic Vapor Monitoring (ppm)**			
Daily background			Daily Background			
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind	Handheld PID
Daily Time Weighted Average			Daily Time Weighted Average			
Maximum 15-min Average			Maximum 15-min Average			
Minimum 1-min Instant Reading			Minimum 1-min Instant Reading			
Maximum 1-min Instant Reading			Maximum 1-min Instant Reading			

µg/m^3=micrograms per cubic meter. ppm= parts per million.

No air monitoring completed today; no soil disturbance as part of site characterization activities.

Planned Activities:

- **Perform GPR and Mark out sample locations**

N

SITE PLAN



LEGEND

- Upwind CAMP station
- Downwind CAMP station
- Area of Concern AOC1

File Name: 25-0106 Daily Field Report 001

Photo Log

Photo 1: View of GPR near MW004	
Photo 2: View of sample location marking for SB001	

Photo 3: View of markout of septic tanks and propane tank near the red building	
Photo 4: View of GPR for septic tank near the red building	

Photo 5: View of GPR for MW001	
Photo 6: View of three phase underground electric near MW003/SB003	

DAILY FIELD REPORT 002

Prepared By: H2M

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Sunny	
TEMP.	< 32		32-50		50-70		70-85		> 85	

NYSDEC Site No:	152273	**Date:**	January 7, 2025
NYSDEC Spill No:	2104060	**Time on site:**	7:50am
Project Name:	ORFD2301 Orient Fire District		

Consultant:
H2M architects + engineers

H2M Field Personnel:
Thomas Brown
Timothy Maines

Contractor:
Lakewood Environmental Services Corp.

Subcontractor(s):
Utility Detection Inc (GPR Survey)

Work Activities Performed:

- 750 – TB & TM from H2M and Adam & Mike from Lakewood onsite
- 830 – Start first boring
- 900 – Start second boring
- 1000 – Start third boring
- 1030 – Start fourth boring
- 1100 – Labeling additional soil sets while Lakewood uncovers septic
- 1200 – H2M Lunch, Lakewood uncovered septic tank starting to uncover leaching pool
- 1330 – Start drilling fifth boring
- 1400 – Clean up site
- 1430 – Lakewood Offsite H2M working photos, DFR and boring logs
- 1600 – H2M offsite

Samples Collected:

- SB001 (0-2”)
- SB001 (2”-24”) MS & MSD
- SB001 (6-8ft)
- SB002 (0-2”)
- SB002 (2”-24”)
- SB002 (6-8ft)
- SB003 (0-2”)
- SB003 (2”-24”)
- SB003 (6-8ft)
- SB004 (0-2”)
- SB004 (2”-24”)
- SB004 (6-8ft)
- SB005 (0-2”)
- SB005 (2”-24”)
- SB005 (6-8ft)
- SB00X
- Field Blank 1/7/25
- Equipment Blank 1/7/25

Air Monitoring (Since Last Report):

Prevailing Wind Direction: NW

Particulate Monitoring (µg/m^3)			**Organic Vapor Monitoring (ppm)**			
Daily background			Daily Background	0.0		
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind	Handheld PID
Daily Time Weighted Average	0.001	0.007	Daily Time Weighted Average	0.0	0.0	0.0
Maximum 15-min Average	0.018	0.011	Maximum 15-min Average	0.0	0.0	0.0
Minimum 1-min Instant Reading	0.005	0.006	Minimum 1-min Instant Reading	0.0	0.0	0.0
Maximum 1-min Instant Reading	0.006	0.012	Maximum 1-min Instant Reading	0.0	0.1	0.0

µg/m^3=micrograms per cubic meter. ppm= parts per million.

Planned Activities:

- **Collect Soil samples**
- **Uncover Septic tank and leaching pool**

N

SITE PLAN



LEGEND

- Upwind CAMP station
- Downwind CAMP station
- Area of Concern AOC1

File Name: 25-0107 Daily Field Report 002

Photo Log

Photo 1: View of drilling SB001	
Photo 2: View of drilling SB004	

Photo 3: Uncovering sanitary system near the red building	
Photo 4: View of the septic tank cover near the red building	

Photo 5: View of drilling SB003	
Photo 6: View of drilling SB002	

DAILY FIELD REPORT 003

Prepared By: H2M

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Sunny
TEMP.	< 32	32-50	50-70	70-85	> 85

NYSDEC Site No:	152273	**Date:**	January 8, 2025
NYSDEC Spill No:	2104060	**Time on site:**	7:50am
Project Name:	ORFD2301 Orient Fire District		

Consultant:
H2M architects + engineers

H2M Field Personnel:
Thomas Brown
Timothy Maines

Contractor:
Lakewood Environmental Services Corp.

Subcontractor(s):
Utility Detection Inc (GPR Survey)

Work Activities Performed:

- 750 – TB & TM from H2M and Adam & Mike from Lakewood onsite
- 815 – Lakewood start drilling first monitoring well; H2M Sampling UICs
- 1000 – Start second monitoring well; H2M sampling UICs
- 1145 – Stop for lunch
- 1230 – Start third well
- 1300 – H2M begin sampling septic UICs north of main building
- 1400 – Start site cleanup
- 1430 – Lakewood offsite; H2M drill vapor pin and complete leak test
- 1400 – Clean up site
- 1530 – Labeling for tomorrow
- 1600 – H2M offsite

Samples Collected:

- UIC001
- UIC002
- UIC003
- UIC004
- UIC005
- UIC006 MS & MSD
- UIC007
- UIC008
- UIC009
- UIC010
- UIC00X
- Field Blank 1/8/25
- Equipment Blank 1/8/25

File Name: 25-0108 Daily Field Report 003

Air Monitoring (Since Last Report):

Prevailing Wind Direction: NW

Particulate Monitoring (µg/m^3)			**Organic Vapor Monitoring (ppm)**			
Daily background			Daily Background	0.0		
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind	Handheld PID
Daily Time Weighted Average	0.004	0.005	Daily Time Weighted Average	0.0	0.0	0.0
Maximum 15-min Average	0.009	0.009	Maximum 15-min Average	0.0	0.0	0.0
Minimum 1-min Instant Reading	0.004	0.007	Minimum 1-min Instant Reading	0.0	0.0	0.0
Maximum 1-min Instant Reading	0.007	0.010	Maximum 1-min Instant Reading	0.0	0.0	0.5

µg/m^3=micrograms per cubic meter. ppm= parts per million.

Planned Activities:

- **Collect UIC samples**
- **Install Monitoring Wells**

N

SITE PLAN



LEGEND

- Upwind CAMP station
- Downwind CAMP station
- Area of Concern AOC1

File Name: 25-0108 Daily Field Report 003

Photo Log

Photo 1: View of drilling for MW003	
Photo 2: View of drilling for MW003	

Photo 3: View of drilling for MW004	
Photo 4: View of sampling UIC006	

Photo 5: View of vapor pin installed	
Photo 6: View of vapor pin cover	

DAILY FIELD REPORT 004

Prepared By: H2M

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Sunny	
TEMP.	< 32		32-50		50-70		70-85		> 85	

NYSDEC Site No:	152273	**Date:**	January 9, 2025
NYSDEC Spill No:	2104060	**Time on site:**	7:50am
Project Name:	ORFD2301 Orient Fire District		

Consultant:
H2M architects + engineers

H2M Field Personnel:
Thomas Brown
Timothy Maines

Contractor:
Lakewood Environmental Services Corp.

Subcontractor(s):
Utility Detection Inc (GPR Survey)

Work Activities Performed:

- 750 – TB & TM from H2M and Adam & Mike from Lakewood onsite
- 830 – Lakewood Developing southern wells
- 900 – Start pumping MW004
- 945 – Complete SB006
- 1030 – Start vapor samples
- 1115 – Begin drilling SB007 and MW002
- 1135 – begin pumping MW003
- 1230 – lunch
- 1300 – Begin working on the UICs around the red building
- 1315 – Being pumping MW002
- 1400 – Lakewood starting to put concrete boxes around monitoring well covers
- 1420 – begin pumping MW001
- 1630 – Lakewood offsite
- 1700 – H2M offsite

Samples Collected:

- SB006 (0-2”)
- SB006 (2”-24”)
- SB006 (6-8ft)
- SB007 (0-2”)
- SB007 (2”-24”)
- SB007 (6-8ft)
- UIC011
- MW001
- MW002
- MW003
- MW004
- MW004 MS
- MW004 MSD
- MW00X
- Field Blank 1/9/25
- Equipment Blank 1/9/25

Air Monitoring (Since Last Report):

Prevailing Wind Direction: NW

Particulate Monitoring (µg/m^3)			**Organic Vapor Monitoring (ppm)**			
Daily background	0.005		Daily Background	0.0		
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind	Handheld PID
Daily Time Weighted Average	0.005	0.008	Daily Time Weighted Average	0.0	0.0	0.0
Maximum 15-min Average	0.005	0.008	Maximum 15-min Average	0.0	0.0	0.0
Minimum 1-min Instant Reading	0.004	0.005	Minimum 1-min Instant Reading	0.0	0.0	0.0
Maximum 1-min Instant Reading	0.009	0.010	Maximum 1-min Instant Reading	0.0	0.0	0.0

µg/m^3=micrograms per cubic meter. ppm= parts per million.

Planned Activities:

- **Complete UIC samples**
- **Complete SB samples**
- **Sample Monitoring wells**
- **Start vapor samples**

N

SITE PLAN



LEGEND

- Upwind CAMP station
- Downwind CAMP station
- Area of Concern AOC1

File Name: 25-0109 Daily Field Report 004

Photo Log

Photo 1: View of sampling MW004	
Photo 2: View of sampling SB006	

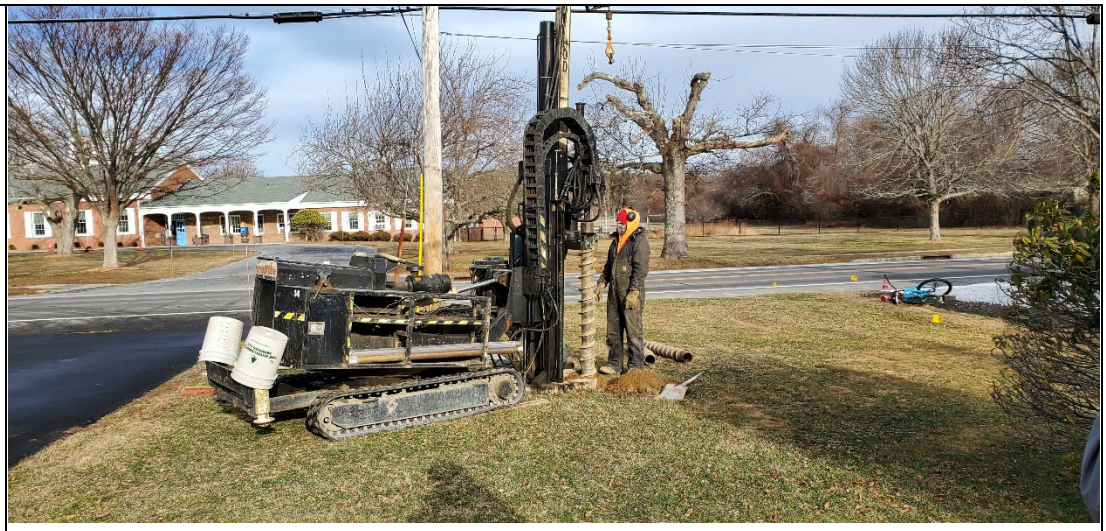
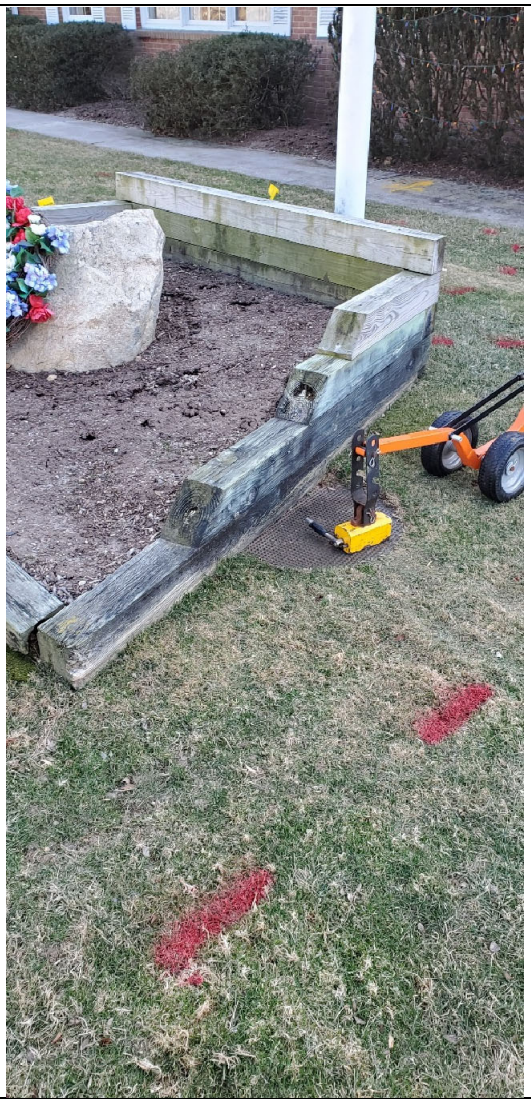
Photo 3: View of drilling MW002	
Photo 4: View of sampling the septic next to the red building	

Photo 5: Backfill septic tank cover to grade near red building	
Photo 6: View of stuck cover for main septic tank for main building	

DAILY FIELD REPORT 005

Prepared By: H2M

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Sunny
TEMP.	< 32	32-50	50-70	70-85	> 85

NYSDEC Site No:	152273	**Date:**	January 10, 2025
NYSDEC Spill No:	2104060	**Time on site:**	8:00am
Project Name:	ORFD2301 Orient Fire District		

Consultant:
H2M architects + engineers

H2M Field Personnel:
Thomas Brown
Timothy Maines

Contractor:
Lakewood Environmental Services Corp.
Subcontractor(s):
Utility Detection Inc (GPR Survey)

Work Activities Performed:

- 800 – TB & TM from H2M onsite
- 830 – TB turn off vapor samples; TM collecting trimble data
- 900 – TB updating DFRs and Soil Borings

Samples Collected:

- SV001
- SV00X
- IA001
- OA001

Air Monitoring (Since Last Report):

Prevailing Wind Direction: NW

Particulate Monitoring (µg/m^3)			**Organic Vapor Monitoring (ppm)**			
Daily background			Daily Background			
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind	Handheld PID
Daily Time Weighted Average			Daily Time Weighted Average			
Maximum 15-min Average			Maximum 15-min Average			
Minimum 1-min Instant Reading			Minimum 1-min Instant Reading			
Maximum 1-min Instant Reading			Maximum 1-min Instant Reading			

µg/m^3=micrograms per cubic meter. ppm= parts per million.

No air monitoring today; no soil disturbance as part of site characterization.

Planned Activities:

- **Complete vapor sampling**
- **Complete trimble points**
- **Clean up site**

N

SITE PLAN



LEGEND

- Upwind CAMP station
- Downwind CAMP station
- Area of Concern AOC1

File Name: 25-0110 Daily Field Report 005

Photo Log

Photo 1: View of MW002	
Photo 2: View of MW001	

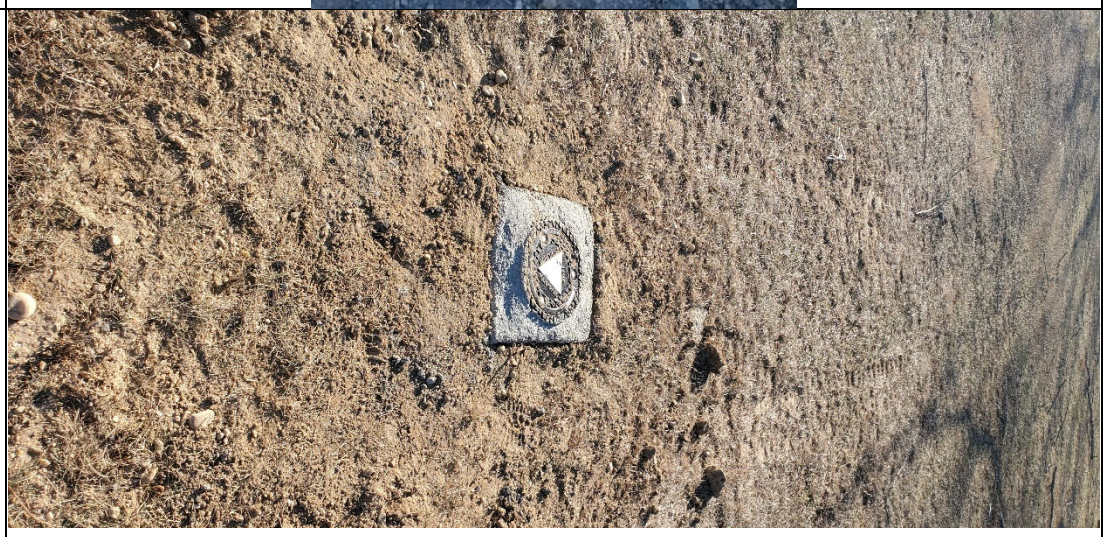
Photo 3: View of MW003	
Photo 4: View of MW004	

Photo 5: View of drummed material stored on southern end of the property	
Photo 6: View of sanitary system (septic tank and cesspool) back to grade. b	